NATIONAL DEFENSE SPENDING AND EMPLOYMENT IN MARYLAND 1965 - 1971

A REPORT TO THE GOVERNOR

MARYLAND DEPARTMENT OF STATE PLANNING

MARYLAND DEPARTMENT OF STATE PLANNING

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NATIONAL DEFENSE SPENDING AND EMPLOYMENT IN MARYLAND, 1965-1971

ABSTRACT

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Abstract: This report presents recent data on defense prime contract awards and associated defense generated employment in Maryland. Included are estimates of DOD civilian employment. The purpose of this report is to trace some of the employment effects that have occurred with the de-escalation of the Vietnam war.

The data in this report represent an update of an earlier study prepared by the Department entitled "National Defense Related Employment in Maryland 1965-1969", May, 1970. The present report includes revisions of previously published data. Included also are tabular materials for each county of the State. A section of the report includes an analysis of the effects upon defense generated employment of changes in the composition of industries receiving awards and changes in the comparative sensitivity of the Maryland and United States economy to both escalation and de-escalation of the Vietnam war.

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MARVIN MANDEL
GOVERNOR

VLADIMIR A WAHBE
SECRETARY OF STATE PLANNING
NORMAN HEBDEN
DEPUTY SECRETARY

April 27, 1972

The Honorable Marvin Mandel
Governor of Maryland
The State House
Annapolis, Maryland 21404

Dear Governor Mandel:

I am pleased to transmit herewith the enclosed report entitled "National Defense Spending and Employment in Maryland: 1965-1971." Undertaken with a view to fulfilling the Department's responsibility for monitoring the impact of changes in national defense spending upon the Maryland economy, the report is an update of the earlier study, "National Defense Related Employment in Maryland: 1965-1969," published in May 1970.

The data embraced by this report will provide valuable information to State and local public officials as also to Maryland's delegation in Congress in assessing possible problems attendant to the de-escalation of the war in Vietnam.

Sincerely,

Vladimir Wahbe

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TABLE OF CONTENTS

	PAGE
TRANSMITTAL LETTER	iii
LIST OF TABLES	v
LIST OF CHARTS	vi
INTRODUCTION	1
HIGHLIGHTS	2
GRAPHICAL PRESENTATION	9
SUMMARY TABLES	20
APPENDIX A	28
Defense Prime Contract Awards in Maryland, Regions and Political Subdivisions, 1965-1970	
APPENDIX B	61
Defense Generated Employment in Maryland, Regions and Political Subdivisions, 1965-1970	
APPENDIX C	94
Technical Notes and Definitions	
BIBLIOGRAPHY	99

LIST OF TABLES

Table		Page
1.	Comparison of Baltimore Region and Washington Metropolitan Region Relative Shares of the State's Total Defense Generated Employment and Total Labor Force, 1965-1970 . . .	4
2.	Comparison of Baltimore Region, Washington Metropolitan Region and Southern Maryland Region Relative Shares of the State's Total Defense Related Employment and Total Labor Force, 1965 and 1970	5
3.	Percentage Change in Defense Spending and Employment, Total Manufacturing Employment and Unemployment, Maryland and United States, 1965-1967, 1967-1968, 1967-1971	7
4.	Defense Prime Contract Awards in Maryland, Regions and Political Subdivisions, 1965-1970	21
5.	Defense Generated Employment in Maryland, Regions and Political Subdivisions, 1965-1970	22
6.	U. S. Department of Defense (DOD) Civilian Employment in Maryland, Regions and Local Subdivisions, 1965-1970 . . .	23
7.	Total Defense Related Employment in Maryland, Regions and Local Subdivisions, 1965-1970	24
8.	Defense Related Employment, Civilian Labor Force and Defense Dependency Ratios for Maryland, Regions and Political Subdivisions, 1969-1970	25
9.	National Defense Spending, Related Employment, Total Civilian Labor Force, Manufacturing Employment and Unemployment in United States and Maryland, 1965-1971 . . .	26

LIST OF CHARTS

Chart		Page
1.	Defense Prime Contract Awards in Maryland by Industry Groups, 1965-1970	10
2.	Estimated Employment Directly Generated by Prime Defense Contract Awards to Selected Industries in Maryland, 1965 and 1970	11
3.	Defense Generated Employment in Maryland by Industry Groups, 1965-1970	12
4.	Percentage Distribution of Prime Defense Contract Awards and Generated Employment in Maryland by Industry Groups for Selected Years, 1965, 1967, 1968, 1970	13
5.	Distribution of Prime Defense Contract Awards and Generated Employment in Maryland by Region and Regional Shares Compared with Shares of State Total Civilian Labor Force, 1965, 1967, 1968, 1970	14
6.	Defense Related Employment in Maryland, 1965-1971	15
7.	Distribution of Defense Related Employment in Maryland by Regions and Percentage Distribution in Comparison with Regional Shares of the State Total Civilian Labor Force, 1965, 1967, 1968, 1970	16
8.	Defense Dependency Ratios in Maryland, by State, Regions and Political Subdivisions, 1969-1970	17
9.	Unemployment in United States and Maryland and Defense Related Employment in Maryland, 1965-1971	18
10.	Manufacturing Employment in United States and Maryland and Defense Generated Employment in Maryland, 1965-1971	19

INTRODUCTION

The Department of State Planning in May 1970 published a report entitled "National Defense Related Employment in Maryland: 1965-1969" which provided data on prime defense contract awards and estimates of directly associated defense generated employment on a two-digit industry basis for the regions and political subdivisions of the State. It included also data on Department of Defense (DOD) civilian employment by political subdivisions. The purpose of the study was to identify possible problems for the Maryland economy attendant to the de-escalation of the war in Vietnam.

An update of this earlier study, the present report includes not only more recent data on defense prime contract awards, defense generated employment and DOD civilian employment, but also revisions of previously published figures. An explanation of the methodology used in arriving at estimates of defense generated employment appears in Appendix C of the report. The "Highlights" preceding the data compilations appearing in Appendices A and B include a brief analysis of the effects upon defense generated employment resulting from changes in the industry composition of prime defense contract awards, changes in the defense dependency of the regions of the State and the comparative sensitivity of the Maryland and U. S. economy to changes in national defense spending that accompanied both the escalation and de-escalation of the Vietnam war.

HIGHLIGHTS

Defense prime contract awards in Maryland reached a record level of $870.1 million in 1967. Defense generated employment (the number of workers directly employed as a result of defense prime contract awards)[1/] reached a record level of 39 thousand workers in the same year. Following sharp cutbacks experienced in 1968, defense prime contract awards stabilized at approximately the $730 million level for the years 1969 and 1970. Directly associated defense generated employment stabilized at about the 32 thousand level for the same two years. Both figures are substantially higher than those recorded for 1965. (Charts 1 and 3, Tables 4, 5 and 9.)

Excepting for 1968, the composition of defense prime contract awards during the period 1965-1970 shifted from industries with relatively small manpower requirements (e.g., arms and ammunition, aircraft, guided missiles) to industries with higher manpower requirements (e.g., radio and telecommunication equipment, research and development). As a consequence, the long-run impact on employment resulting from cutbacks in contract awards was cushioned. In 1968, however, the cutbacks were accompanied by a temporary shift in the composition of contract awards towards industries with smaller manpower requirements, and the resulting decline in employment for that year was sharper than otherwise would have been experienced. (Charts 1, 2, 3 and 4, Appendices A and B.)

1/ The Department of State Planning estimates of defense generated employment do not, therefore, include (a) inter-industry employment arising from orders placed by Maryland prime contractors with other Maryland firms required to meet their supply needs (b) employment in the consumer goods and services sector of the Maryland economy arising from spending induced by defense generated employment (c) employment arising from sub-contracting on the part of out-of-state prime contractors with Maryland firms. These exclusions will largely be remedied, however, through application of the inter-industry tables component of the Maryland State Planning Model now being developed by the University of Maryland under contract with the Department of State Planning.

Throughout the period 1965-1970, both defense prime contract awards and defense generated employment were heavily concentrated in the Baltimore Region. However, the Baltimore Region's share of total contract awards declined from 79.0 percent in 1965 to 64.3 percent in 1970 and correspondingly its share of total defense generated employment declined from 77.8 percent to 63.7 percent over the same period. The second largest region with respect to defense prime contract awards and defense generated employment was the Washington Suburban Region. Not only did both more than double in size between 1965 and 1970, but the Region's share of total contract awards increased from 16.8 percent in 1965 to 30.3 percent in 1970 and correspondingly its share of total defense generated employment increased from 17.9 percent to 31.0 percent over the same period. (Chart 5, Tables 4 and 5.)

Excepting for a minor cutback in 1969, U. S. Department of Defense (DOD) civilian employment in Maryland increased steadily from 43,521 in 1965 to 50,175 in 1970. DOD civilian employment was heavily concentrated in the Baltimore Region and the Washington Suburban Region throughout the period, each region accounting for approximately 40 percent of the total. (Chart 6, Table 6.)

Total defense related employment in Maryland (defense generated employment plus DOD civilian employment) reached a record level of 87,521 in 1967. Following a loss of jobs totalling 8,317 workers in 1968, total defense related employment rose to 82,399 by 1970, a level substantially higher than the 69,257 figure reported for 1965. Although ranked first in order of the number of defense related workers employed, the Baltimore Region's share of the State total defense related employment declined from 53.9 percent in 1965 to 48.5 percent in 1970. At the same time, the Washington Suburban Region, which ranked second, increased its share of the State total from

33.3 percent to 38.1 percent, and the Southern Maryland Region increased its share from 6.3 percent to 7.3 percent. (Chart 7, Tables 6 and 7.)

Considered in the light of defense generated employment alone, the defense dependency of the Baltimore Region decreased over the period 1965-1970, while that of the Washington Metropolitan Region increased sharply. This is indicated by changes in the proportionality of the two regions' relative shares of the State's total defense generated employment and the State's total labor force which occurred during the period. As shown in Table 1, below, the Baltimore Region experienced a substantially higher than proportional share of the State's total defense generated em-

TABLE 1

Comparison of Baltimore Region and Washington Metropolitan Region Relative Shares of the State's Total Defense Generated Employment and Total Labor Force, 1965 and 1970

	Percent of State Total Defense Generated Employment	Percent of State Total Labor Force
Baltimore Region		
1965	77.8	63.1
1970	63.7	60.5
Washington Metropolitan Region		
1965	17.9	18.7
1970	31.0	23.2

ployment in relation to its share of the State's total labor force (77.8 percent and 63.1 percent, respectively) in 1965 compared with more closely proportional shares (63.7 percent and 60.5 percent) in 1970. The Washington Metropolitan Region, on the other hand, experienced closely proportional

shares (17.9 percent and 18.7 percent) in 1965 compared with substantially higher than proportional shares (31.0 percent and 23.2 percent) in 1970. (Chart 5, Tables 4, 5 and 8.)

Considered in the light of defense related employment (defense generated employment plus DOD civilian employment), however, the Washington Metropolitan Region was consistently more defense dependent than the Baltimore Region throughout the period 1965-1970. This clearly is indicated by comparison of the two regions' relative shares of the State's total defense related employment and the State's total labor force. As shown in Table 2, below, the Washington Metropolitan Region experienced a higher than proportional share of the State's total defense related

TABLE 2

Comparison of Baltimore Region, Washington Metropolitan Region and Southern Maryland Region Relative Shares of the State's Total Defense Related Employment and Total Labor Force, 1965 and 1970

	Percent of State Total Defense Related Employment	Percent of State Total Labor Force
Baltimore Region		
1965	53.9	63.1
1970	48.5	60.5
Washington Metropolitan Region		
1965	33.3	18.7
1970	38.1	23.2
Southern Maryland Region		
1965	6.3	1.8
1970	7.3	2.0

employment in relation to its share of the State's total labor force both in 1965 (33.3 percent and 18.7 percent, respectively) and in 1970 (38.1 percent and 23.2 percent). The Baltimore Region, on the other hand, experienced smaller than proportional shares both in 1965 (53.9 percent and 63.1 percent) and in 1970 (48.5 percent and 60.5 percent). (Chart 7, Tables 6, 7 and 8.)

Although defense related employment was heavily concentrated in the Baltimore and Washington Metropolitan Regions, Southern Maryland was by far and large the most defense dependent region of the State throughout the period 1965-1970. As shown in Table 2, above, the Southern Maryland Region experienced a far higher than proportional share of the State's total defense related employment relative to its share of the State total labor force both in 1965 (6.3 percent and 1.8 percent, respectively) and in 1970 (7.3 percent and 2.0 percent). (Charts 7 and 8, Tables 7 and 8.)

Both in the United States and Maryland, defense spending and defense employment reached record levels in 1967. Between 1965 and 1967, a period marked by rapid escalation of the war in Vietnam, defense spending in the United States increased at a more rapid rate than in Maryland. As shown in Table 3, defense employment (particularly defense related employment) and total manufacturing employment also increased more rapidly in the United States than in Maryland. Unemployment in Maryland declined at a faster rate. However, taking into account the differential in the rates of increase in defense spending (defense prime contract awards in Maryland increased by 44 percent compared to an increase of 60 percent for the United States), the defense employment and total manufacturing employment effects of increased defense spending were nearly the same for Maryland as the United States. The more rapid rate of decline in unemployment

TABLE 3

Percentage Change in Defense Spending and Employment, Total Manufacturing Employment and Unemployment, Maryland and United States, 1965-1967, 1967-1968, 1967-1971

	Percent Change		
	1965-1967	1967-1968	1967-1971
Defense Prime Contracts			
Maryland	+44.1	-18.8	-16.5
United States	+60.5	- 0.5	-23.5
Defense Generated Employment			
Maryland	+51.4	-24.7	-17.8
United States	+63.6	- 2.0	-34.4
Defense Related Employment			
Maryland	+26.4	- 9.5	- 9.0
United States	+45.5	- 0.7	-25.4
Total Manufacturing Employment			
Maryland	+ 7.0	- 1.2	-10.4
United States	+ 7.8	+ 2.1	- 4.1
Unemployment			
Maryland	-15.2	+ 7.3	+78.5
United States	-11.8	- 6.7	+66.7

experienced by Maryland, however, suggests that the overall Maryland economy was particularly responsive to the expansionary influences of the national economy during this period. (Charts 9 and 10, Table 9.)

While defense spending and defense employment in the United States declined steadily between 1967 and 1971,[1/] a period marked by de-escalation of the war in Vietnam, both declined sharply in Maryland in 1968 and sub-

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1/ Data which became available following the completion of the basic tables embraced by this report made it possible to include 1971 as the terminal year for purposes of this more general analysis.

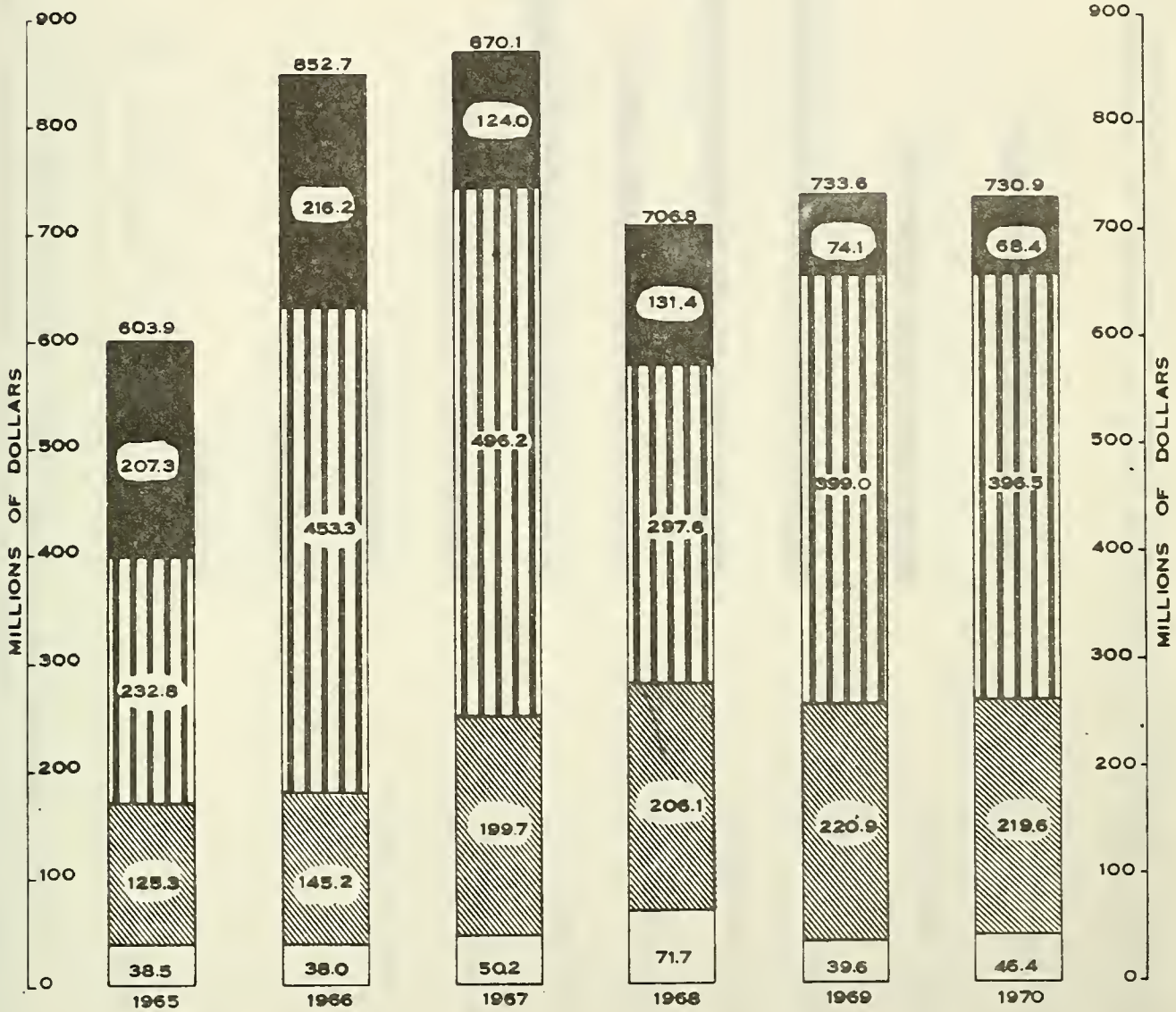
sequently recovered to levels somewhat higher than prevailed in 1965. As shown in Table 3, the sharp cutback in defense spending and defense employment in Maryland in 1968 was reflected also in slightly decreased total manufacturing employment and substantially increased unemployment. The effects upon the Maryland economy indubitably would have been more severe had it not been for the continued expansionary influence of the national economy during 1968.

Between 1967 and 1971, defense spending in the United States decreased at a more rapid rate than in Maryland. As shown in Table 3, defense employment (particularly defense related employment) declined at a more rapid rate in the United States also. Total manufacturing employment in Maryland, on the other hand, declined at a much faster rate (a 10.4 percent decrease in Maryland compared to a 4.1 percent decrease for the United States) and unemployment increased more rapidly. Taking into account the differential in the rates of decrease in defense spending (defense prime contract awards in Maryland declined by 16.5 percent compared to a decline of 23.5 percent for the United States), the defense employment effects of decreased defense spending were nevertheless substantially greater for the United States than for Maryland. The more rapid decline in total manufacturing employment and sharper increase in unemployment experienced by Maryland, however, suggest that the overall Maryland economy was particularly responsive to the underlying contractionary influence of the national economy during the latter two years of the period, 1970 and 1971. These effects would have been even more severe had there not been a partial recovery of defense spending and defense employment in Maryland in the years following the 1968 cutbacks. (Charts 9 and 10, Table 9.)

GRAPHICAL PRESENTATION

CHART I

DEFENSE PRIME CONTRACT AWARDS IN MARYLAND BY INDUSTRY GROUPS, 1965 - 1970.



ARMS AND AMMUNITION, EXPLOSIVES, BASIC PETROLEUM, RUBBER AND METAL PRODUCTS, COMBAT AND OTHER VEHICLES, SHIPS, AIRCRAFT, GUIDED MISSILES AND COMPONENTS, (SIC 19, 28-30, 33-34, 37).

FOOD AND BEVERAGES, TEXILE, FURNITURE, PAPER AND PRINTING, LEATHER PRODUCTS, MACHINERY, RADIO AND TELECOMMUNICATION EQUIPMENT AND ALL OTHER MANUFACTURED PRODUCTS, (SIC 20-27, 31-32, 35-36, 38-39).

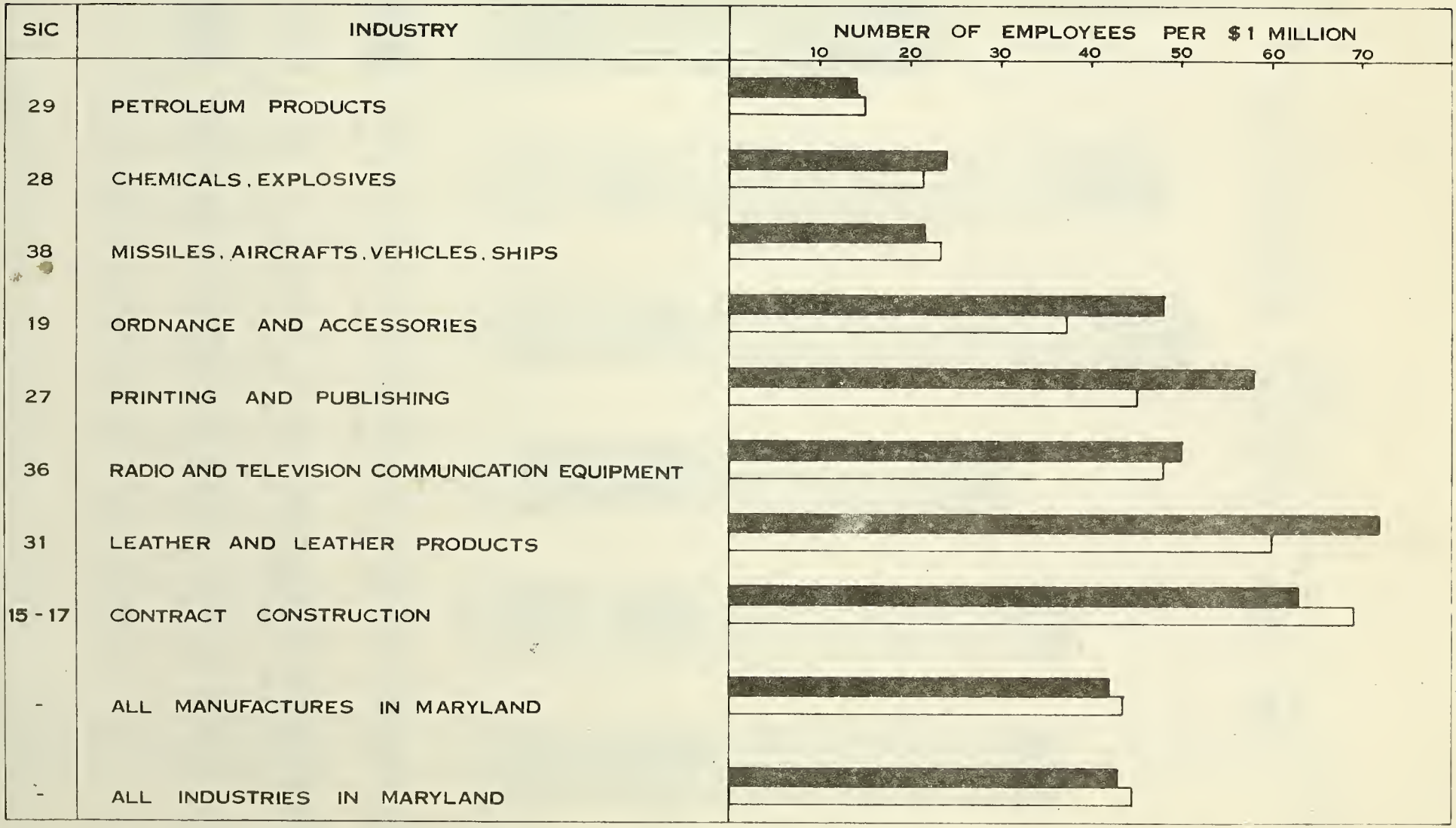
AGRICULTURE, CONSTRUCTION AND SERVICES, INCLUDING RESEARCH AND DEVELOPMENT, (SIC 01-07, 15-17, 70-89).

ALL OTHER INDUSTRIES, (SIC 40-67, 91-92, UNKNOWN).

SOURCE: U.S. DEPARTMENT OF DEFENSE.

CHART 2

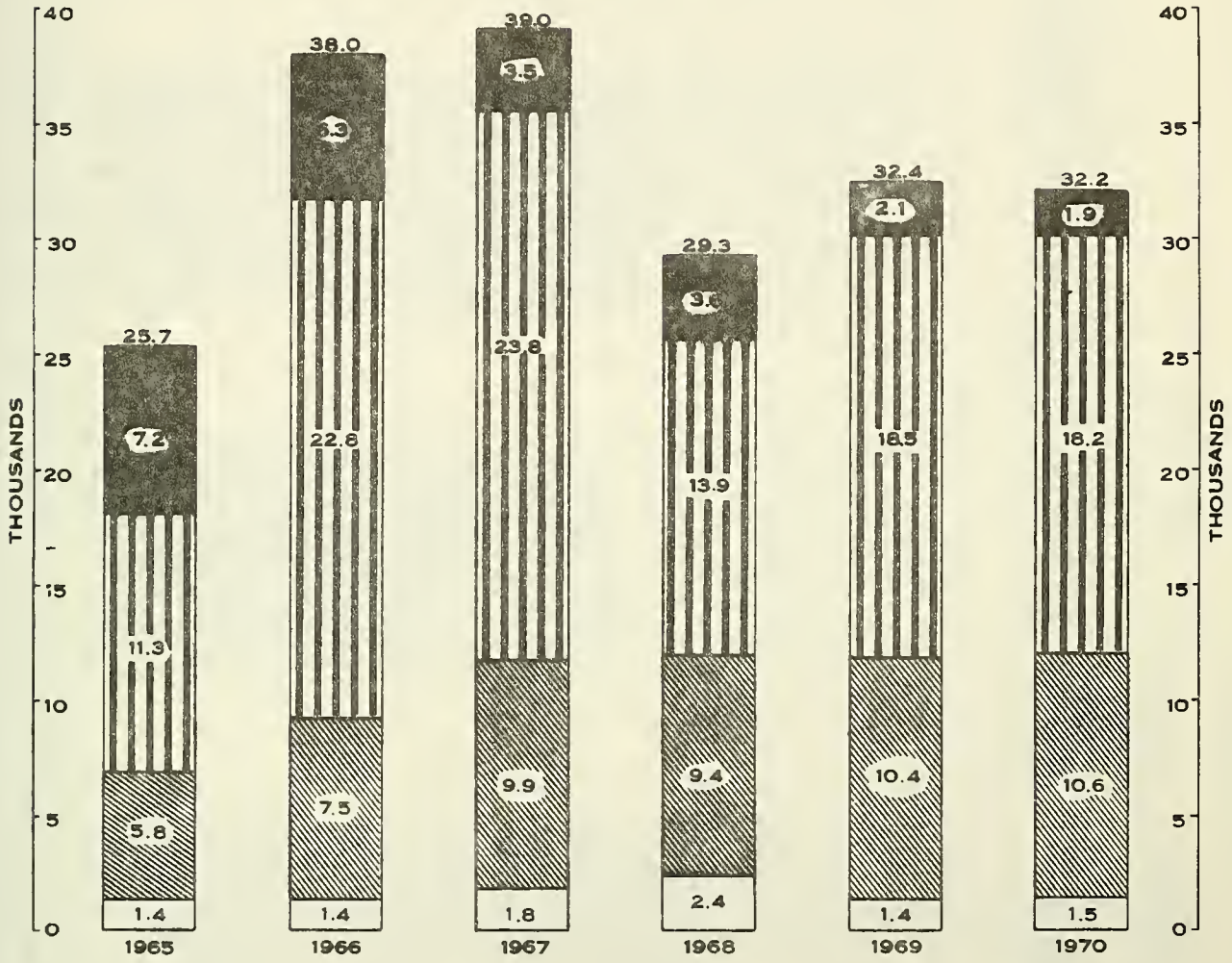
ESTIMATED EMPLOYMENT DIRECTLY GENERATED BY PRIME DEFENSE CONTRACT AWARDS TO SELECTED INDUSTRIES IN MARYLAND, 1965 AND 1970.



SOURCES: U.S. DEPARTMENT OF DEFENSE, U.S. DEPARTMENT OF COMMERCE, U.S. DEPARTMENT OF LABOR, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 3

DEFENSE GENERATED EMPLOYMENT IN MARYLAND BY INDUSTRY GROUPS , 1965 - 1970.



ARMS AND AMMUNITION, EXPLOSIVE, BASIC PETROLEUM, RUBBER AND METAL PRODUCTS, COMBAT AND OTHER VEHICLES, SHIPS, AIRCRAFT, GUIDED MISSILES AND COMPONENTS, (SIC 19, 28-30, 33-34, 37).

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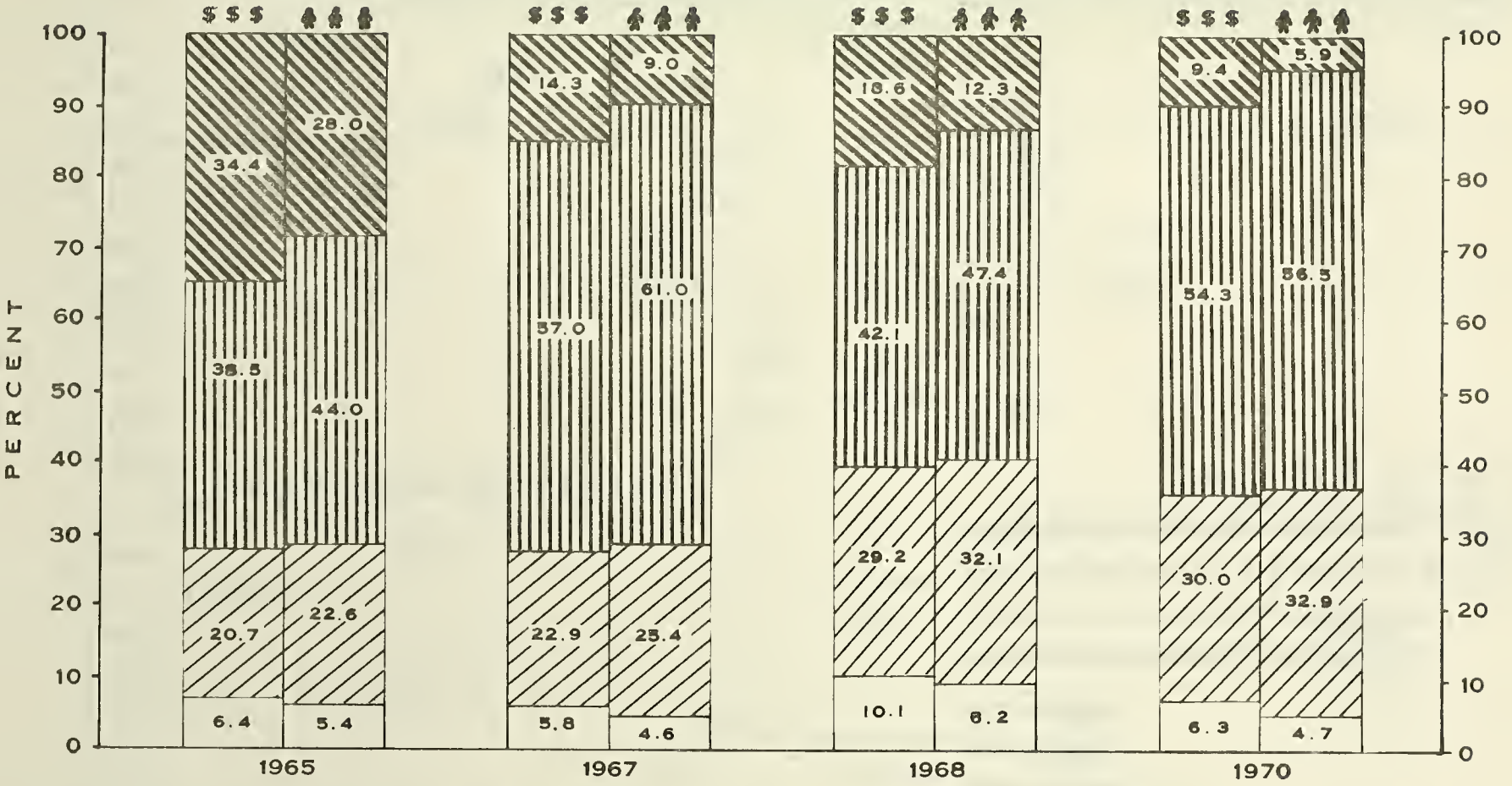
ALL OTHER INDUSTRIES, (SIC 40-67, 91-92, UNKNOWN).

SOURCES: U.S. DEPARTMENT OF DEFENSE, U.S. DEPARTMENT OF COMMERCE, U.S. DEPARTMENT OF LABOR, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 4

PERCENTAGE DISTRIBUTION OF PRIME DEFENSE CONTRACT AWARDS AND GENERATED EMPLOYMENT IN MARYLAND BY INDUSTRY GROUPS FOR SELECTED YEARS 1965, 1967, 1968, 1970.



ARMS AND AMMUNITION, EXPLOSIVES, BASIC PETROLEUM, RUBBER AND METAL PRODUCTS, COMBAT AND OTHER VEHICLES, SHIPS, AIR-CRAFTS, GUIDED MISSILES AND COMPONENTS (SIC 19, 28-30, 33-34, 37)

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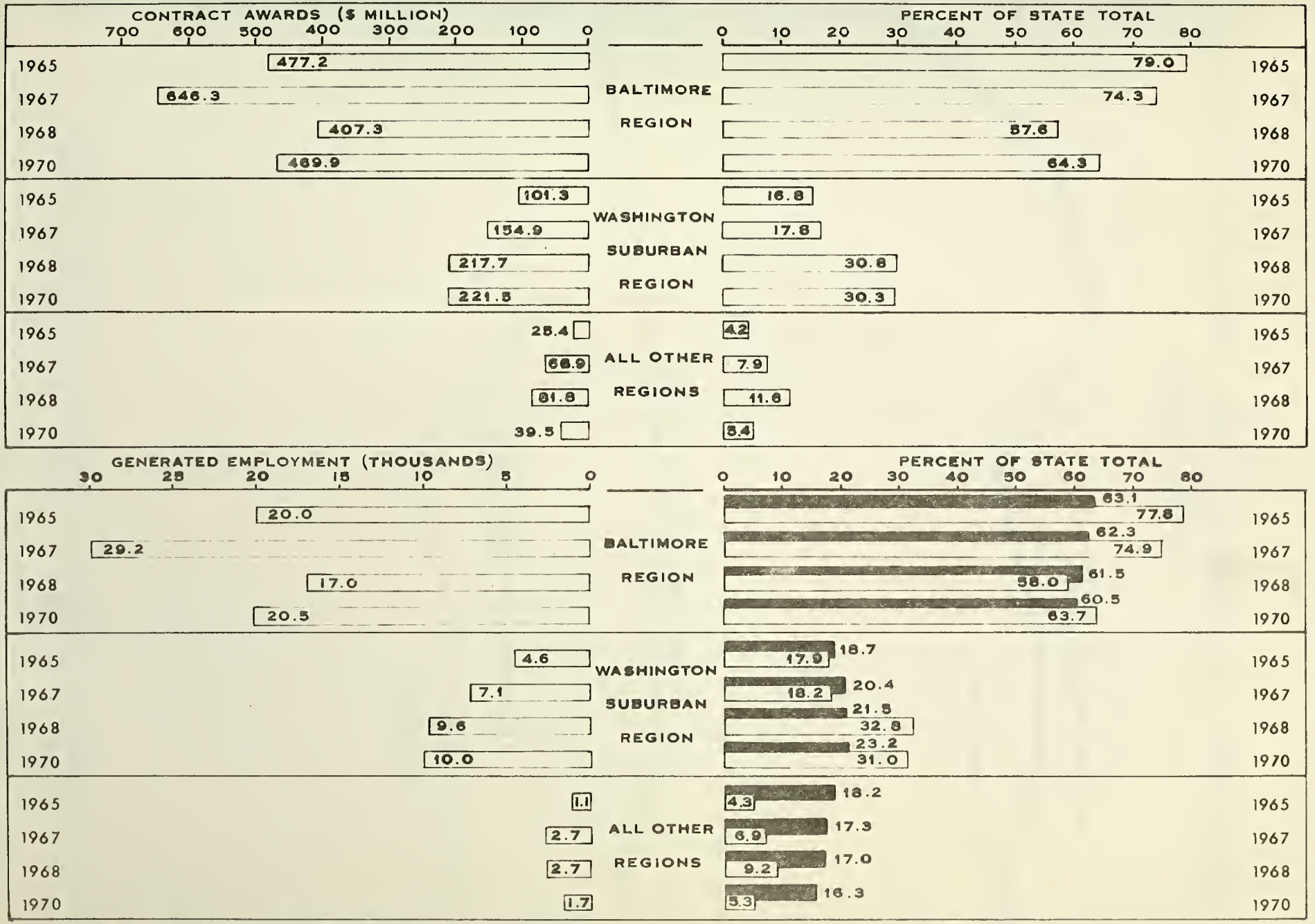
AGRICULTURE, CONSTRUCTION AND SERVICES INCLUDING RESEARCH AND DEVELOPMENT (SIC 01-07, 15-17, 70-89)

ALL OTHER INDUSTRIES (SIC 40-67, 91-92)

SOURCES: U.S. DEPARTMENT OF DEFENSE AND MARYLAND DEPARTMENT OF STATE PLANNING

DISTRIBUTION OF PRIME DEFENSE CONTRACT AWARDS AND GENERATED EMPLOYMENT IN MARYLAND BY REGION AND REGIONAL SHARES COMPARED WITH SHARES OF STATE TOTAL CIVILIAN LABOR FORCE, 1965, 1967, 1968, 1970.



SOURCES: U.S. DEPARTMENT OF DEFENSE AND MARYLAND DEPARTMENT OF STATE PLANNING.

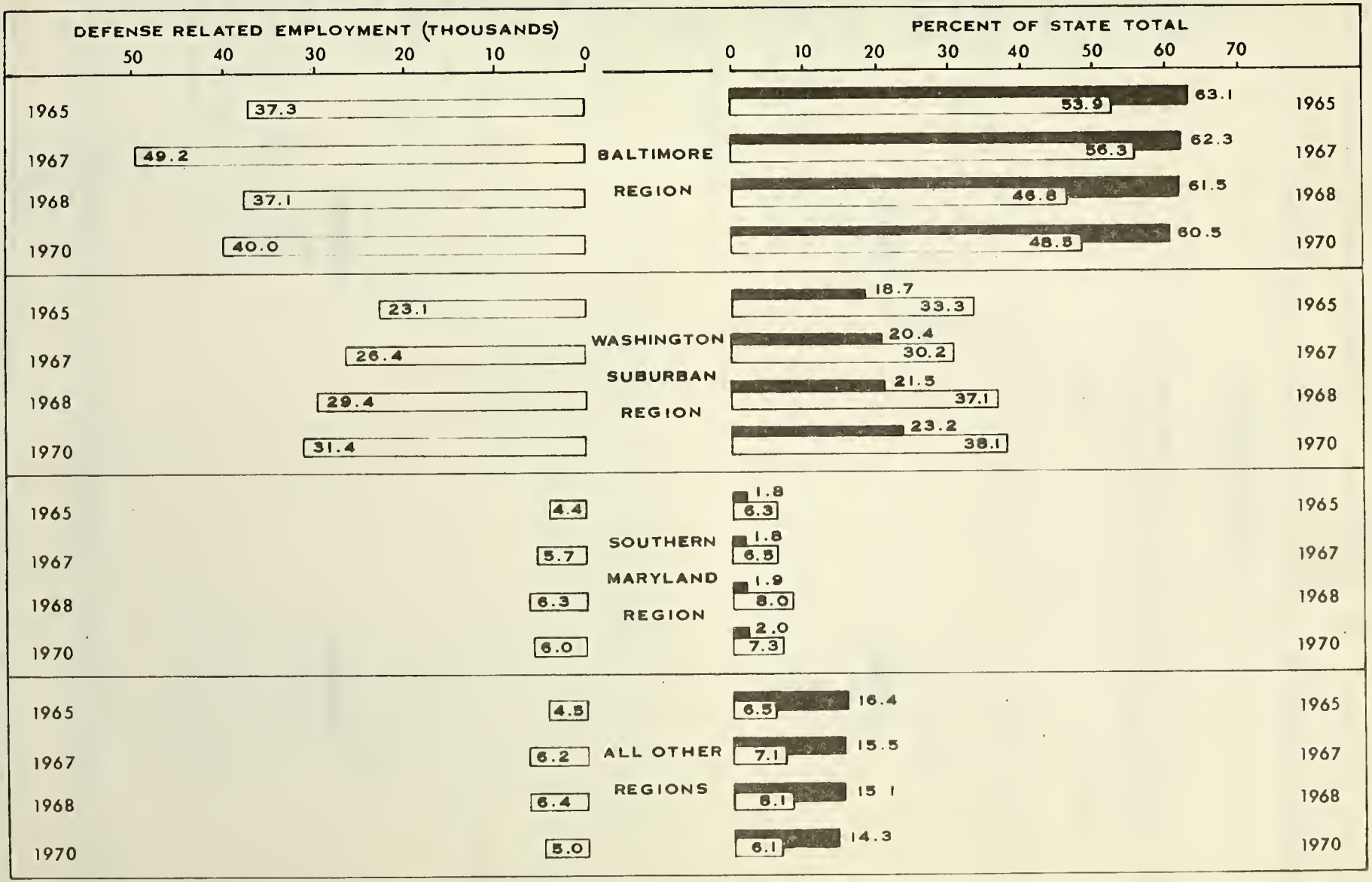
CHART 6

DEFENSE RELATED EMPLOYMENT IN MARYLAND, 1965 - 1971.

SOURCES: U.S. DEPARTMENT OF DEFENSE, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 7

DISTRIBUTION OF DEFENSE RELATED EMPLOYMENT IN MARYLAND BY REGIONS AND PERCENTAGE DISTRIBUTION IN COMPARISON WITH REGIONAL SHARES OF THE STATE TOTAL CIVILIAN LABOR FORCE, 1965, 1967, 1968, 1970.

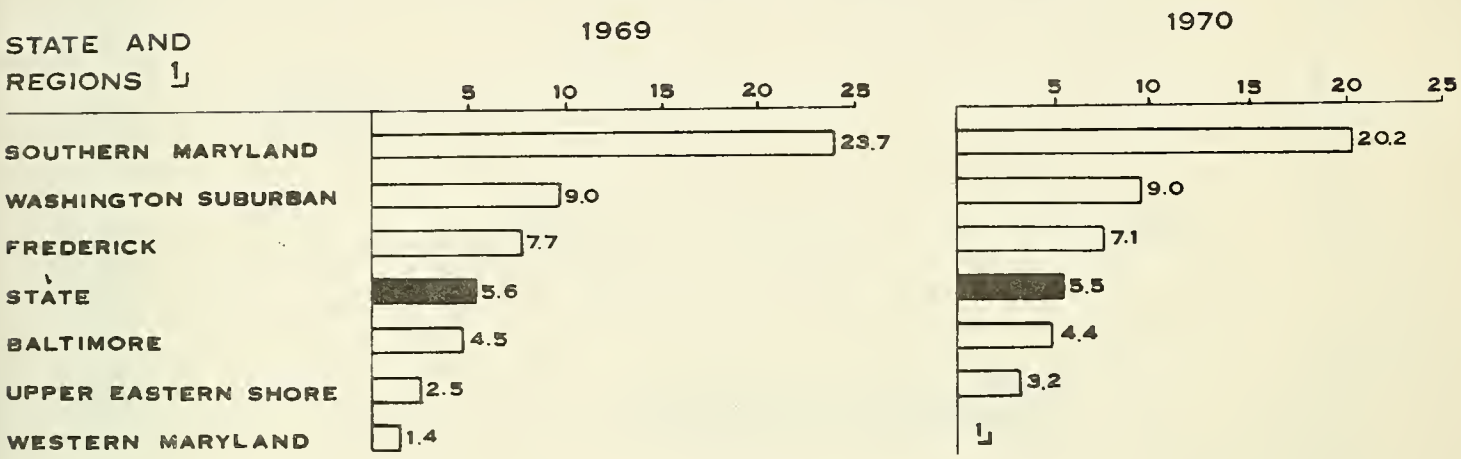


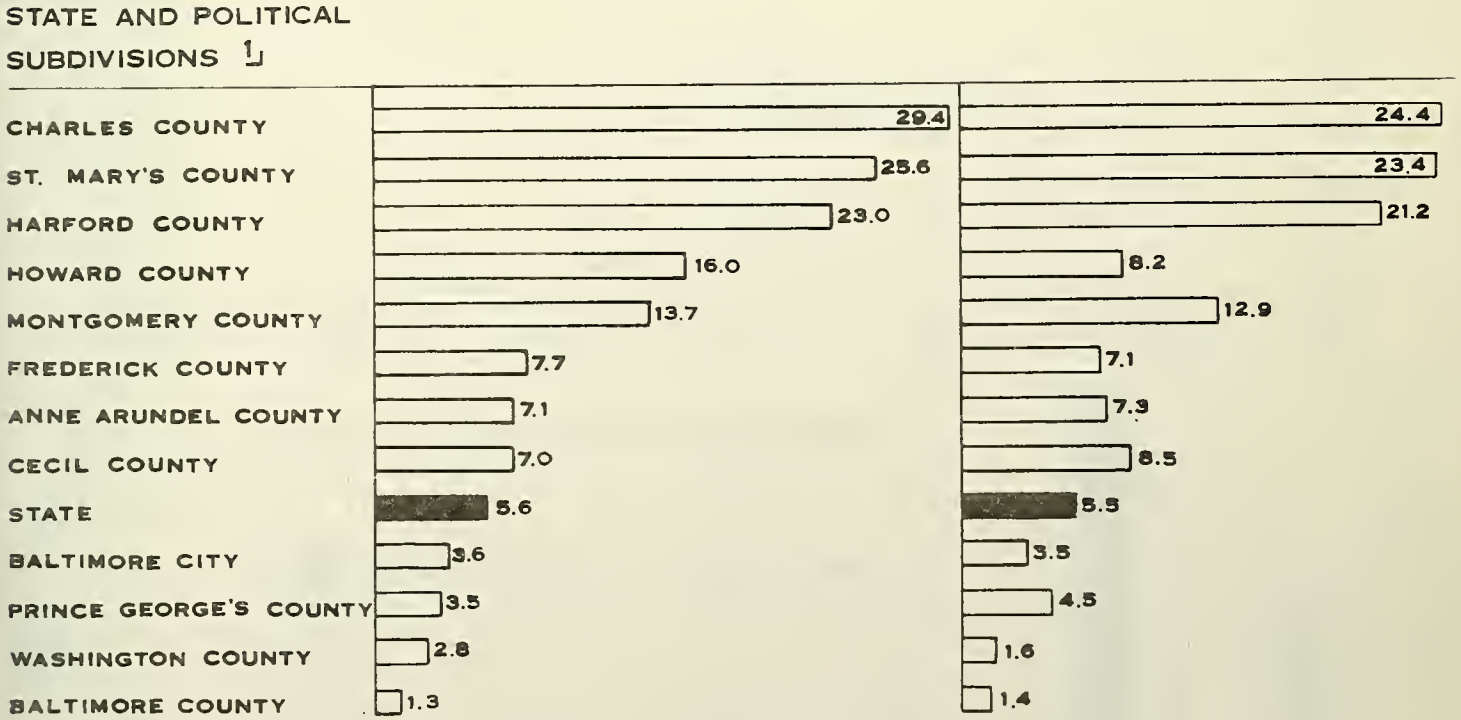
SOURCES: U.S. DEPARTMENT OF DEFENSE, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 8

DEFENSE DEPENDENCY RATIOS IN MARYLAND, BY STATE, REGIONS AND POLITICAL SUBDIVISONS, 1969-1970.

DEFENSE RELATED EMPLOYMENT AS A PERCENT OF TOTAL CIVILIAN LABOR FORCE



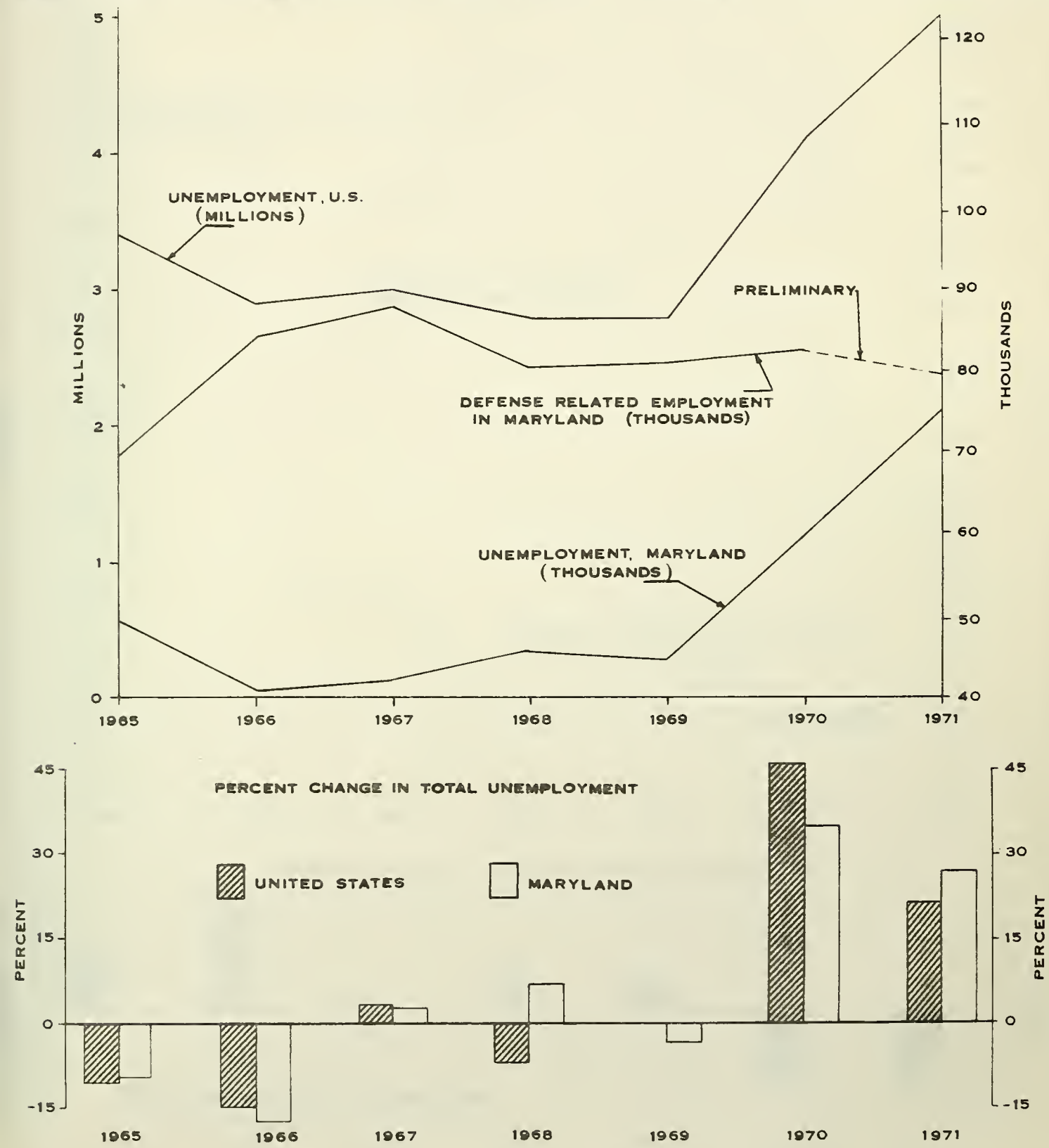


1/ REGIONS AND COUNTIES WITH 1% OR LESS DEFENSE RELATED EMPLOYMENT NOT INCLUDED.

SOURCES: U.S. DEPARTMENT OF DEFENSE, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 9

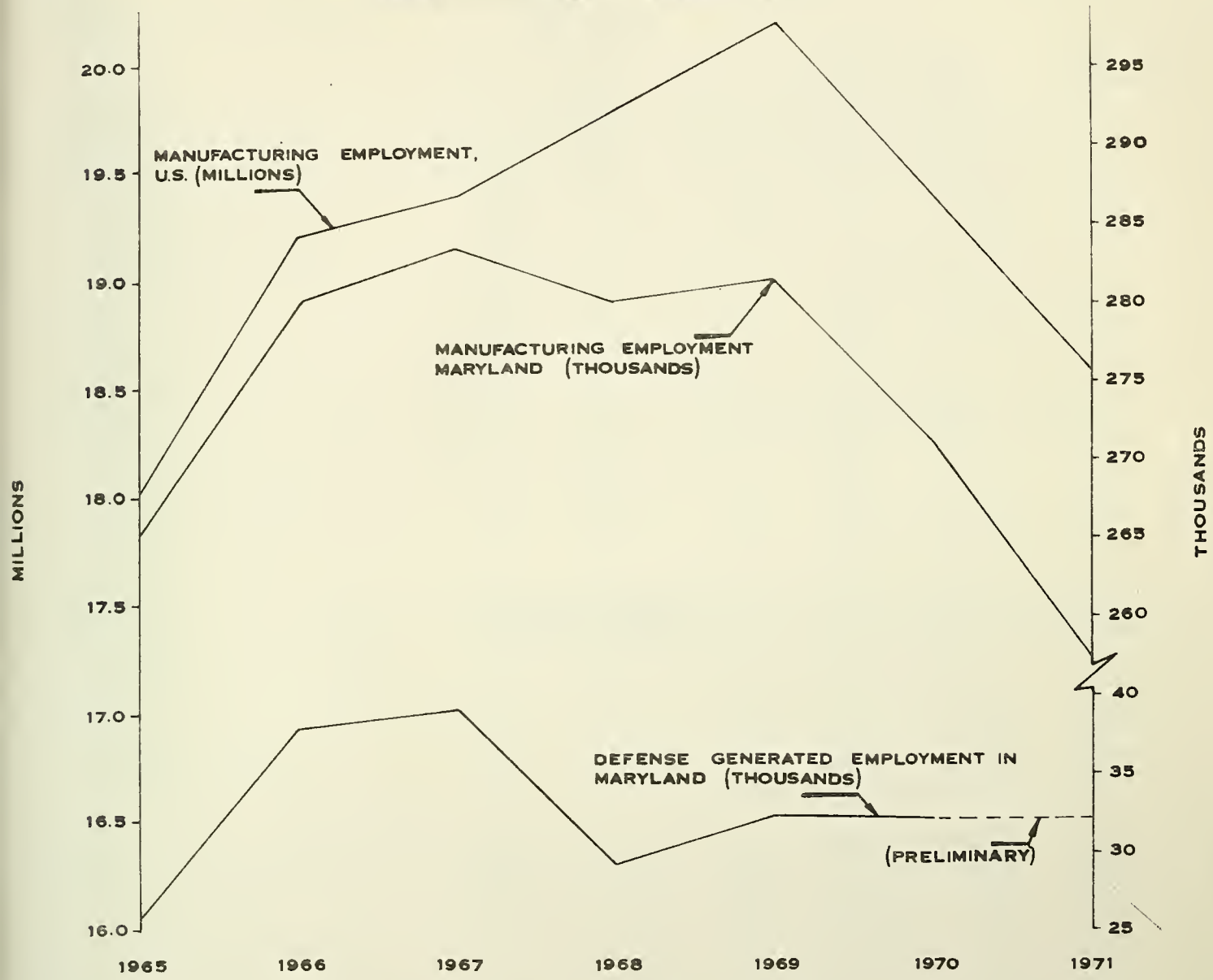
UNEMPLOYMENT IN UNITED STATES AND MARYLAND AND DEFENSE RELATED EMPLOYMENT IN MARYLAND, 1965 - 1971.



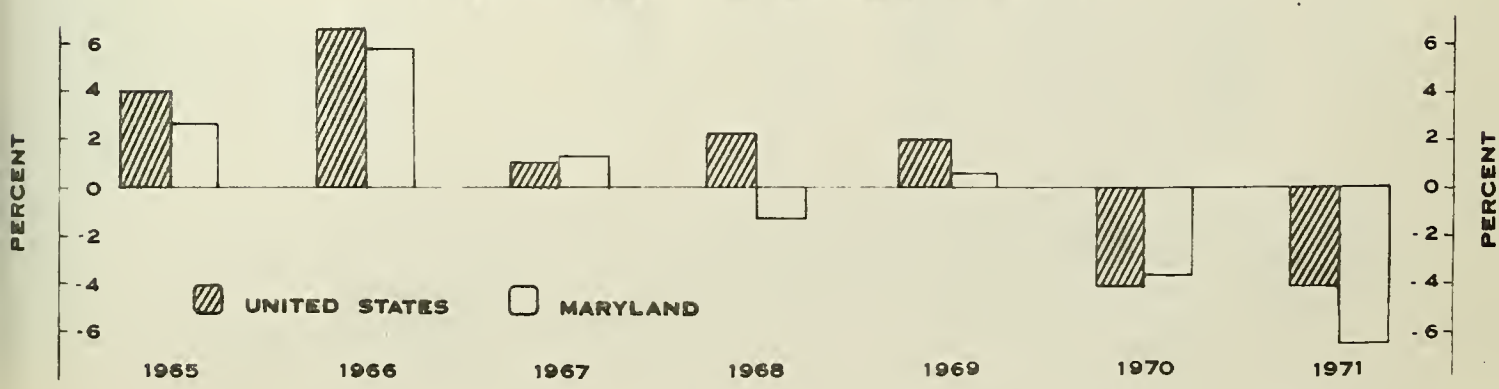
SOURCES: U.S. DEPARTMENT OF DEFENSE, U.S. DEPARTMENT OF LABOR, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

CHART 10

MANUFACTURING EMPLOYMENT IN UNITED STATES AND MARYLAND AND DEFENSE GENERATED EMPLOYMENT IN MARYLAND, 1965-1971.



PERCENT CHANGE IN MANUFACTURING EMPLOYMENT



SOURCES: U.S. DEPARTMENT OF DEFENSE, U.S. DEPARTMENT OF LABOR, MARYLAND DEPARTMENT OF EMPLOYMENT SECURITY AND MARYLAND DEPARTMENT OF STATE PLANNING.

SUMMARY TABLES

Table 4

Defense Prime Contract Awards in Maryland, Regions and Political Subdivisions, 1965-1970*

	1965	1966	1967	1968	1969	1970
Maryland, State Total	603,883	852,739	870,112	706,832	733,609	730,861
Western Maryland Region	3,184	9,432	27,657	41,045	20,295	6,105
Allegany County	409	24	586	-	47	173
Garrett County	81	17	119	13	106	36
Washington County	2,694	9,391	26,952	41,032	20,142	5,896
Frederick Region	3,026	5,427	15,398	4,309	6,024	9,246
Frederick County	3,026	5,427	15,398	4,309	6,024	9,246
Baltimore Region	477,243	650,322	646,313	407,271	462,029	469,940
Anne Arundel County	27,448	36,168	33,753	48,016	42,977	60,039
Baltimore City	344,127	407,025	447,314	240,155	276,537	257,924
Baltimore County	54,697	143,250	71,007	62,398	77,777	89,403
Carroll County	321	1,677	241	616	548	664
Harford County	14,055	21,866	38,242	7,388	15,101	13,480
Howard County	36,595	40,336	55,756	48,698	49,089	48,430
Washington Suburban Region	101,255	151,050	154,936	217,667	217,845	221,536
Montgomery County	76,938	123,426	117,530	181,431	179,029	185,136
Prince George's County	24,317	27,624	37,406	36,236	38,816	36,400
Southern Maryland Region	4,341	6,848	7,866	10,176	12,511	5,380
Calvert County	87	149	257	537	96	347
Charles County	2,318	4,225	2,906	2,660	3,365	1,757
St. Mary's County	1,936	2,474	4,703	6,979	9,050	3,276
Upper Eastern Shore Region	12,358	25,038	12,818	21,721	11,126	16,924
Caroline County	660	748	576	306	45	564
Cecil County	9,343	21,458	9,297	17,554	9,546	15,640
Kent County	1,365	1,238	1,168	2,670	691	267
Queen Anne's County	-	26	1,741	268	33	154
Talbot County	990	1,568	36	923	811	299
Lower Eastern Shore Region	2,476	4,622	5,124	4,643	3,779	1,730
Dorchester County	1,138	2,248	2,972	3,681	2,470	161
Somerset County	799	1,289	1,134	370	713	519
Wicomico County	101	387	513	241	465	967
Worcester County	438	698	505	351	131	83

Sources: U. S. Department of Defense and Maryland Department of State Planning.

* Fiscal Years, Thousands of Dollars.

Table 5

Defense Generated Employment in Maryland, Regions and Political Subdivisions, 1965-1970

	1965	1966	1967	1968	1969	1970
Maryland, State Total	25,736	37,979	38,972	29,328	32,353	32,224
Western Maryland Region	109	312	844	1,283	628	181
Allegany County	20	1	30	-	2	11
Garrett County	5	1	4	1	7	2
Washington County	84	310	810	1,282	619	168
Frederick Region	150	284	897	191	275	568
Frederick County	150	284	897	191	275	568
Baltimore Region	20,029	28,375	29,165	16,993	20,486	20,541
Anne Arundel County	1,173	1,913	1,617	2,418	2,119	2,824
Baltimore City	14,521	17,888	19,701	9,690	12,137	11,346
Baltimore County	2,016	5,503	3,094	2,481	3,240	3,572
Carroll County	14	58	10	23	21	27
Harford County	763	1,208	2,257	364	821	667
Howard County	1,542	1,805	2,486	2,017	2,148	2,105
Washington Suburban Region	4,621	7,282	7,091	9,572	9,714	9,998
Montgomery County	3,519	5,962	5,403	8,219	8,067	8,421
Prince George's County	1,102	1,320	1,688	1,353	1,647	1,577
Southern Maryland Region	186	345	391	488	700	259
Calvert County	2	12	10	36	5	30
Charles County	113	206	157	145	161	72
St. Mary's County	71	127	224	307	534	157
Upper Eastern Shore Region	542	1,200	435	701	396	597
Caroline County	36	39	26	8	5	50
Cecil County	415	1,081	345	629	346	528
Kent County	64	38	18	29	15	5
Queen Anne's County	-	2	45	12	1	5
Talbot County	27	40	1	23	29	9
Lower Eastern Shore Region	99	181	149	100	154	80
Dorchester County	35	68	55	64	98	5
Somerset County	43	69	64	18	39	27
Wicomico County	2	18	16	8	11	45
Worcester County	19	26	14	10	6	3

Sources: U. S. Department of Defense, U. S. Department of Commerce, U. S. Department of Labor and Maryland Department of State Planning.

Table 6

U. S. Department of Defense (DOD) Civilian Employment in Maryland, Regions and Local Subdivisions, 1965-1970*

	1965	1966	1967	1968	1969	1970	1971
Maryland, State Total	43,521	45,878	48,549	49,876	49,447	50,175	47,515
Western Maryland Region	297	332	437	482	513	479	459
Allegany County	-	-	-	-	-	-	-
Garrett County	-	-	-	-	-	-	-
Washington County	297	332	437	482	513	479	459
Frederick Region	2,285	2,260	2,235	2,284	2,001	1,551	1,105
Frederick County	2,285	2,260	2,235	2,284	2,001	1,551	1,105
Baltimore Region	17,266	18,543	20,080	20,090	19,671	19,432	18,425
Anne Arundel County	5,368	6,006	6,652	6,734	6,697	6,519	6,145
Baltimore City	2,269	2,409	2,973	2,835	2,770	2,849	2,892
Baltimore County	242	265	269	282	291	255	242
Carroll County	-	-	-	-	-	-	-
Harford County	9,387	9,863	10,186	10,239	9,913	9,809	9,146
Howard County	-	-	-	-	-	-	-
Washington Suburban Region	18,516	18,763	19,304	19,796	19,774	21,423	21,495
Montgomery County	14,816	15,063	15,604	15,996	15,974	15,691	15,539
Prince George's County	3,700	3,700	3,700	3,800	3,800	5,732	5,956
Southern Maryland Region	4,241	4,986	5,285	5,826	5,978	5,757	4,623
Calvert County	-	-	-	-	-	-	-
Charles County	2,446	3,071	3,186	3,696	3,750	3,339	2,449
St. Mary's County	1,795	1,915	2,099	2,130	2,228	2,418	2,174
Upper Eastern Shore Region	616	631	824	1,027	830	912	793
Caroline County	-	-	-	-	-	-	-
Cecil County	616	631	824	1,027	830	912	793
Kent County	-	-	-	-	-	-	-
Queen Anne's County	-	-	-	-	-	-	-
Talbot County	-	-	-	-	-	-	-
Lower Eastern Shore Region	-	-	-	-	-	-	-
Dorchester County							
Somerset County							
Wicomico County							
Worcester County							
Nondistributable	300	363	384	371	680	621	615

Source: Maryland Department of Employment and Social Services, Employment Security Administration, Research and Analysis Division.

* As of March for each year.

Table 7

Total Defense Related Employment in Maryland, Regions and Local Subdivisions, 1965-1970*

	1965	1966	1967	1968	1969	1970
Maryland, State Total	69,257	83,857	87,521	79,204	81,800	82,399
Western Maryland Region	406	644	1,281	1,765	1,141	660
Allegany County	20	1	30	-	2	11
Garrett County	5	1	4	1	7	2
Washington County	381	642	1,247	1,764	1,132	647
Frederick Region	2,435	2,544	3,132	2,475	2,276	2,119
Frederick County	2,435	2,544	3,132	2,475	2,276	2,119
Baltimore Region	37,295	46,918	49,245	37,083	40,157	39,973
Anne Arundel County	6,541	7,919	8,269	9,152	8,816	9,343
Baltimore City	16,790	20,297	22,674	12,525	14,907	14,195
Baltimore County	2,258	5,768	3,363	2,763	3,531	3,827
Carroll County	14	58	10	23	21	27
Harford County	10,150	11,071	12,443	10,603	10,734	10,476
Howard County	1,542	1,805	2,486	2,017	2,148	2,105
Washington Suburban Region	23,137	26,045	26,395	29,368	29,488	31,421
Montgomery County	18,335	21,025	21,007	24,215	24,041	24,112
Prince George's County	4,802	5,020	5,388	5,153	5,447	7,309
Southern Maryland Region	4,427	5,331	5,676	6,314	6,678	6,016
Calvert County	2	12	10	36	5	30
Charles County	2,559	3,277	3,343	3,841	3,911	3,411
St. Mary's County	1,866	2,042	2,323	2,437	2,762	2,575
Upper Eastern Shore Region	1,158	1,831	1,259	1,728	1,226	1,509
Caroline County	36	39	26	8	5	50
Cecil County	1,031	1,712	1,169	1,656	1,176	1,440
Kent County	64	38	18	29	15	5
Queen Anne's County	-	2	45	12	1	5
Talbot County	27	40	1	23	29	9
Lower Eastern Shore Region	99	181	149	100	154	80
Dorchester County	35	68	55	64	98	5
Somerset County	43	69	64	18	39	27
Wicomico County	2	18	16	8	11	45
Worcester County	19	26	14	10	6	3
Nondistributable	300	363	384	371	680	621

Sources: U. S. Department of Defense, **Maryland Department of Employment and Social Services, Employment Security Administration, Research and Analysis Division and Maryland Department of State Planning.**

* Defense generated employment (Table 5) plus DOD civilian employment (Table 6).

Table 8

Defense Related Employment, Civilian Labor Force and Defense Dependency Ratios for Maryland, Regions and Political Subdivisions, 1969-1970

	Defense Related Employment		Civilian Labor Force (000)		Percent Defense Related	
	1969	1970	1969	1970	1969	1970
Maryland, State Total	81,800	82,399	1,467.3	1,508.0	5.6	5.5
Western Maryland Region	1,141	660	78.8	76.6	1.4	*
Allegany County	*	*	31.6	31.1	*	*
Garrett County	*	*	6.5	6.5	*	*
Washington County	1,132	647	40.7	40.0	2.8	1.6
Frederick Region	2,276	2,119	29.5	29.7	7.7	7.1
Frederick County	2,276	2,119	29.5	29.7	7.7	7.1
Baltimore Region	40,157	39,973	895.6	914.2	4.5	4.4
Anne Arundel County	8,816	9,343	123.6	128.0	7.1	7.3
Baltimore City	14,907	14,195	412.0	408.6	3.6	3.5
Baltimore County	3,531	3,827	270.4	272.4	1.3	1.4
Carroll County	*	*	29.6	30.2	*	*
Harford County	10,734	10,476	46.6	49.4	23.0	21.2
Howard County	2,148	2,105	13.4	25.6	16.0	8.2
Washington Suburban Region	29,488	31,421	329.0	350.6	9.0	9.0
Montgomery County	24,041	24,112	175.0	187.4	13.7	12.9
Prince George's County	5,447	7,309	154.0	163.2	3.5	4.5
Southern Maryland Region	6,678	6,016	28.2	29.8	23.7	20.2
Calvert County	*	*	4.1	4.8	*	*
Charles County	3,911	3,411	13.3	14.0	29.4	24.4
St. Mary's County	2,762	2,575	10.8	11.0	25.6	23.4
Upper Eastern Shore Region	1,226	1,509	47.1	47.1	2.6	3.2
Caroline County	*	*	7.4	7.2	*	*
Cecil County	1,176	1,440	16.8	16.9	7.0	8.5
Kent County	*	*	6.5	6.7	*	*
Queen Anne's County	*	*	6.2	6.2	*	*
Talbot County	*	*	10.2	10.1	*	*
Lower Eastern Shore Region	154	*	59.1	59.0	*	*
Dorchester County	*	*	13.0	12.6	*	*
Somerset County	*	*	6.7	6.5	*	*
Wicomico County	*	*	27.4	27.8	*	*
Worcester County	*	*	12.0	12.1	*	*
Nondistributable	680	621	-	-	-	-

Sources: Maryland Department of Employment and Social Services, Employment Security Administration, Research and Analysis Division and Maryland Department of State Planning.

* Less than 100 or 1 percent.

Table 9

National Defense Spending, Related Employment, Total Civilian Labor Force, Manufacturing Employment and Unemployment in United States and Maryland, 1965-1971

	1965	1966	1967	1968	1969	1970	1971
Defense Prime Contract Awards [1]							
U. S. Total ($Billions)	23.3	31.7	37.4	37.2	35.2	29.8	28.6 [2]
Percent Change	-4.5	+36.1	+18.0	-0.5	-5.4	-15.3	-4.0
Maryland ($Millions)	603.9	852.7	870.1	706.8	733.6	730.9	726.7 [2]
Percent Change	+10.2	+41.2	+2.0	-18.8	+3.8	-0.4	-0.6
Percent of U. S.	2.6	2.7	2.3	1.9	2.1	2.5	2.5
Defense Generated Employment							
U. S. Total (Thousands) [3]	1,114.7	1,383.2	1,823.4	1,786.2	1,691.0 [4]	1,279.0 [4]	1,196.7 [2/4]
Percent Change	-1.7	+24.1	+31.8	-2.0	-5.3	-24.4	-6.4
Maryland, State Total	25,736.-	37,979.-	38,972.-	29,328.-	32,353.-	32,224.-	32,037.- [2/4]
Percent Change	+10.0	+47.7	+2.6	-24.7	+10.3	-0.4	-0.6
DOD Civilian Employment							
U. S. Total (Thousands) [5]	1,033.8	1,138.1	1,302.6	1,317.0	1,348.0	1,234.0	1,136.0 [2]
Percent Change	+0.4	+10.1	+14.5	+1.1	+2.4	-8.5	-7.9
Maryland, State Total [6]	43,521.-	45,878.-	48,549.-	49,876.-	49,447.-	50,175.-	47,515.-
Percent Change	0.0	+5.4	+5.8	+2.7	-0.9	+1.5	-5.3
Total Defense Related Employment [7]							
U. S. Total (Thousands)	2,148.5	2,521.3	3,126.0	3,103.2	3,039.0 [4]	2,513.0 [4]	2,332.7 [2/4]
Percent Change	-2.2	+17.4	+24.0	-0.7	-3.1	-17.3	-7.2
Maryland, State Total	69,257.-	83,857.-	87,521.-	79,204.-	81,800.-	82,399.-	79,652.- [2/4]
Percent Change	+3.5	+21.1	+4.4	-9.5	+3.3	+0.7	-3.3
Percent of State Total Civilian Labor Force	5.5	6.3	6.4	5.6	5.6	5.5	5.2

(Continued)

Table 9 (Continued)

	1965	1966	1967	1968	1969	1970	1971
Total Civilian Labor Force [8]							
U. S. Total ($Millions)	74.5	75.8	77.3	78.7	80.7	82.7	84.1
Percent Change	+1.9	+1.7	+2.0	+1.8	+2.5	+2.5	+1.7
Maryland (Thousands)	1,260.5	1,323.3	1,370.6	1,416.0	1,467.3	1,508.0	1,541.4
Percent Change	+3.3	+5.0	+3.6	+3.3	+3.6	+2.8	+2.2
Percent of U. S.	1.7	1.7	1.8	1.8	1.8	1.8	1.8
Total Manufacturing Employment [8]							
U. S. Total ($Millions)	18.0	19.2	19.4	19.8	20.2	19.4	18.6
Percent Change	+4.0	+6.7	+1.0	+2.1	+2.0	-4.0	-4.1
Maryland (Thousands)	264.8	279.8	283.3	279.8	281.3	271.0	253.8
Percent Change	+2.6	+5.7	+1.3	-1.2	+0.5	-3.7	-6.3
Percent of U. S.	1.5	1.5	1.5	1.4	1.4	1.4	1.4
Total Unemployment [8]							
U. S. Total ($Millions)	3.4	2.9	3.0	2.8	2.8	4.1	5.0
Percent Change	-10.5	-14.7	+3.4	-6.7	0.0	+46.4	+22.0
Rate	4.6	3.8	3.9	3.6	3.5	5.0	5.9
Maryland (Thousands)	49.9	41.1	42.3	45.4	44.0	59.4	75.5
Percent Change	-9.4	-17.6	+2.9	+7.3	-3.1	+35.0	+27.1
Rate	4.0	3.1	3.1	3.2	3.0	3.9	4.9

Sources: U. S. Department of Defense, U. S. Department of Labor, U. S. Department of Commerce, Maryland Department of Employment and Social Services, Employment Security Administration, Research and Analysis Division and Maryland Department of State Planning.

1/ Fiscal year basis. 2/ Preliminary. 3/ Not directly comparable with estimates for Maryland because of different methodology and data used. 4/ Rough estimates based on total awards only. 5/ As of June for each year. 6/ As of March for each year. 7/ Sum of DOD Civilian Employment and Estimated Defense Generated Employment. 8/ Annual averages.

APPENDIX A

Defense Prime Contract Awards in Maryland, Regions and Political Subdivisions 1965-1970

DEFENSE CONTRACT AWARDS
IN MARYLAND - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	1,300	1,159	1,077	1,078	1,494	3,606
Contract Construction (SIC 15-17)	22,600	34,160	33,433	31,490	25,423	31,938
Manufacturing (Subtotal)	440,139	669,541	620,194	428,991	473,129	464,796
19 Ord. & Acces.	56,734	13,344	6,174	9,415	13,051	18,884
20 Food & Kind. Prod.	8,741	12,145	12,429	12,198	9,952	8,363
22 Textile Mill Prod.	632	1,700	1,411	952	542	1,113
23 Apparel & Fin. Prod.	1,681	4,789	4,156	3,186	2,586	3,789
24 Lumb. & Wood Prod.	47	15	139	676	40	23
25 Furn. & Fix.	186	580	256	178	193	
26 Paper & Paper Prod.	49	262	755	291	979	1,913
27 Prtg., Pub., etc.	1,610	3,652	16,210	21,845	24,580	22,960
28 Chemicals, etc.	8,928	9,665	6,935	5,559	4,948	2,396
29 Petr. Refining	358	1,058	401	616	382	471
30 Rub. & Misc. Plas.	7,233	14,488	12,042	6,341	9,512	7,580
31 Leath. & L. Prod.	434	6,103	18,829	2,603	4,257	4,846
32 Stone, Clay & Glass	1,675	2,996	182	7,016	112	78
33 Primary Metals	45,907	46,508	6,642	17,963	2,062	688
34 Fab. Metal Prod.	45,066	18,084	13,325	17,764	10,900	6,080
35 Mach. except Elec.	56,896	137,324	179,709	90,157	124,940	121,581
36 Elec. Mach.	156,084	253,275	240,138	135,475	208,752	211,581
37 Transp. Equip.	43,085	113,118	78,522	73,770	33,241	32,255
38 Instruments	4,681	30,402	21,794	22,598	21,840	19,560
39 Misc. Mfg.	112	33	145	388	260	635
Trans., Comm. & Utilities (SIC 40-49)	11,751	8,092	10,480	12,667	15,161	12,700
Wholesale Trade (SIC 50)	5,558	6,129	6,956	9,128	6,431	10,924
Retail Trade (SIC 52-59)	6,185	4,156	6,583	9,707	4,645	2,585
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	101,403	109,882	165,222	173,506	193,997	184,079
Research & Development (SIC 73)	99,363	107,636	163,088	169,788	190,479	180,233
Government (SIC 91 & 92)	562	355	755	841	1,094	3,158
Not Known	14,385	19,265	25,412	39,424	12,235	17,075
STATE TOTAL	603,883	852,739	870,112	706,832	733,609	730,861

DEFENSE CONTRACT AWARDS
IN WESTERN MARYLAND REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	18	43	56	27	33	
Contract Construction (SIC 15-17)	502	17	557	420	465	488
Manufacturing (Subtotal)	2,413	8,630	26,028	40,105	18,419	5,164
19 Ord. & Acces.	117		406			
20 Food & Kind. Prod.				37	38	35
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	18					
24 Lumb. & Wood Prod.	18					
25 Furn. & Fix.			18		4	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.			19	96	74	55
28 Chemicals, etc.						528
29 Petr. Refining			50	153	119	123
30 Rub. & Misc. Plas.	30	24	137			
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.	12	41	114	285	65	23
35 Mach. except Elec.	97	1,888	4,177	12,733	4,696	215
36 Elec. Mach.		1,115	266	11	15	13
37 Transp. Equip.	1,936	5,559	20,602	26,574	13,341	4,058
38 Instruments	74		239	216	67	101
39 Misc. Mfg.	30	3				13
Trans., Comm. & Utilities (SIC 40-49)	228		13	83	132	44
Wholesale Trade (SIC 50)			18		22	
Retail Trade (SIC 52-59)	23		25		35	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			172	200	1,174	211
Research & Development (SIC 73)				200	1,163	211
Government (SIC 91 & 92)						
Not Known		742	788	210	15	198
REGION TOTAL	3,184	9,432	27,657	41,045	20,295	6,105

DEFENSE CONTRACT AWARDS
IN ALLEGANY COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)					11	130
Manufacturing (Subtotal)	215	24	561			
19 Ord. & Acces.	117		406			
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.			18			
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.	12	24	137			
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.	12					
38 Instruments	74					
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	194					
Wholesale Trade (SIC 50)					22	
Retail Trade (SIC 52-59)			25		14	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						30
Research & Development (SIC 73)						30
Government (SIC 91 & 92)						
Not Known						13
COUNTY TOTAL	409	24	586		47	173

DEFENSE CONTRACT AWARDS
IN GARRETT COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	63	17	57	13	106	36
Manufacturing (Subtotal)	18					
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.	18					
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			62			
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known						
COUNTY TOTAL	81	17	119	13	106	36

DEFENSE CONTRACT AWARDS
IN WASHINGTON COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	18	43	56	27	33	
Contract Construction (SIC 15-17)	439		500	407	348	322
Manufacturing (Subtotal)	2,180	8,606	25,467	40,105	18,419	5,164
19 Ord. & Acces.						
20 Food & Kind. Prod.				37	38	35
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	18					
24 Lumb. & Wood Prod.						
25 Furn. & Fix.					4	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.			19	96	74	55
28 Chemicals, etc.						528
29 Petr. Refining	18		50	153	119	123
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.	12	41	114	285	65	23
35 Mach. except Elec.	97	1,888	4,177	12,733	4,696	215
36 Elec. Mach.		1,115	266	11	15	13
37 Transp. Equip.	1,924	5,559	20,602	26,574	13,341	4,058
38 Instruments			239	216	67	101
39 Misc. Mfg.	30	3				13
Trans., Comm. & Utilities (SIC 40-49)	34		13	83	132	44
Wholesale Trade (SIC 50)			18			
Retail Trade (SIC 52-59)	23				21	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			110	200	1,174	181
Research & Development (SIC 73)				200	1,163	181
Government (SIC 91 & 92)						
Not Known		742	788	210	15	185
COUNTY TOTAL	2,694	9,391	26,952	41,032	20,142	5,896

DEFENSE CONTRACT AWARDS
IN FREDERICK REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		15	16	16	24	
Contract Construction (SIC 15-17)	946	1,557	8,564	127	1,887	6,635
Manufacturing (Subtotal)	1,445	1,776	4,752	2,660	2,060	1,740
19 Ord. & Acces.						
20 Food & Kind. Prod.	568	353	1,435	870	1,079	849
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.		11				
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	13	252	22	14		
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.	319	139	844	941	143	42
32 Stone, Clay & Glass	95			33		
33 Primary Metals			7	8		
34 Fab. Metal Prod.	30	14		11	46	
35 Mach. except Elec.	50	121	718	126	83	
36 Elec. Mach.	370	362	1,631	441	618	79
37 Transp. Equip.						
38 Instruments		524	95	216	91	160
39 Misc. Mfg.						610
Trans., Comm. & Utilities (SIC 40-49)	535	684	721	725	574	
Wholesale Trade (SIC 50)	8		20	115	7	19
Retail Trade (SIC 52-59)	21	184	140		757	39
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		802	969	666	623	432
Research & Development (SIC 73)		802	969	654	609	432
Government (SIC 91 & 92)	13					
Not Known	58	409	216		92	381
REGION TOTAL	3,026	5,427	15,398	4,309	6,024	9,246

DEFENSE CONTRACT AWARDS
IN FREDERICK COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		15	16	16	24	
Contract Construction (SIC 15-17)	946	1,557	8,564	127	1,887	6,635
Manufacturing (Subtotal)	1,445	1,776	4,752	2,660	2,060	1,740
19 Ord. & Acces.						
20 Food & Kind. Prod.	568	353	1,435	870	1,079	849
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.		11				
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	13	252	22	14		
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.	319	139	844	941	143	42
32 Stone, Clay & Glass	95			33		
33 Primary Metals			7	8		
34 Fab. Metal Prod.	30	14		11	46	
35 Mach. except Elec.	50	121	718	126	83	
36 Elec. Mach.	370	362	1,631	441	618	79
37 Transp. Equip.						
38 Instruments		524	95	216	91	160
39 Misc. Mfg.						610
Trans., Comm. & Utilities (SIC 40-49)	535	684	721	725	574	
Wholesale Trade (SIC 50)	8		20	115	7	19
Retail Trade (SIC 52-59)	21	184	140		757	39
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		802	969	666	623	432
Research & Development (SIC 73)		802	969	654	609	432
Government (SIC 91 & 92)	13					
Not Known	58	409	216		92	381
COUNTY TOTAL	3,026	5,427	15,398	4,309	6,024	9,246

DEFENSE CONTRACT AWARDS
IN BALTIMORE REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	1,016	693	746	986	1,255	2,255
Contract Construction (SIC 15-17)	13,990	18,389	16,868	15,306	12,936	10,911
Manufacturing (Subtotal)	376,574	556,080	520,132	281,953	352,657	352,870
19 Ord. & Acces.	55,101	5,221	4,260	3,808	7,540	10,551
20 Food & Kind. Prod.	5,018	6,256	5,697	4,136	4,676	3,666
22 Textile Mill Prod.	632	1,548	908	816	542	1,113
23 Apparel & Fin. Prod.	962	3,723	3,074	2,938	1,922	2,174
24 Lumb. & Wood Prod.	29	15	41	52	40	23
25 Furn. & Fix.	186	580	238	140	167	
26 Paper & Paper Prod.	19	193	617	270	979	1,913
27 Prtg., Pub., etc.	74	1,655	2,396	169	35	290
28 Chemicals, etc.	6,938	7,112	6,668	5,471	4,920	1,808
29 Petr. Refining	100	425	164	155	176	286
30 Rub. & Misc. Plas.	7,000	14,433	11,832	6,264	9,491	7,569
31 Leath. & L. Prod.	115	5,964	17,985	1,662	4,114	4,804
32 Stone, Clay & Glass	1,287	2,929	40	4,158	7	18
33 Primary Metals	44,950	45,828	4,019	17,336	1,933	663
34 Fab. Metal Prod.	40,487	14,423	11,571	10,108	10,238	5,902
35 Mach. except Elec.	56,431	132,105	173,983	73,433	115,387	118,345
36 Elec. Mach.	117,673	185,961	207,308	94,736	155,929	155,189
37 Transp. Equip.	39,027	103,686	51,008	39,665	16,248	21,510
38 Instruments	545	24,005	18,193	16,285	18,106	17,034
39 Misc. Mfg.		18	130	351	207	12
Trans., Comm. & Utilities (SIC 40-49)	10,682	5,564	7,426	8,211	7,917	8,684
Wholesale Trade (SIC 50)	4,376	2,688	1,880	3,274	3,711	7,063
Retail Trade (SIC 52-59)	5,290	3,174	5,745	8,299	2,465	1,488
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	57,326	57,366	78,540	77,304	76,083	78,351
Research & Development (SIC 73)	55,792	55,755	77,748	75,070	73,189	76,712
Government (SIC 91 & 92)	145	126	173	74	77	89
Not Known	7,844	6,242	14,803	11,864	4,928	8,229
REGION TOTAL	477,243	650,322	646,313	407,271	462,029	469,940

DEFENSE CONTRACT AWARDS
IN ANNE ARUNDEL COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		41		60	94	1,495
Contract Construction (SIC 15-17)	4,130	14,858	7,865	13,351	7,335	8,893
Manufacturing (Subtotal)	2,459	8,254	10,595	9,022	18,653	21,903
19 Ord. & Acces.	41	3				
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.	11	18	15	26	41	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.				30		
28 Chemicals, etc.	13		25	341	10	8
29 Petr. Refining	84		164		176	82
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass				141		
33 Primary Metals		140				
34 Fab. Metal Prod.	23	2,888	260	163	221	10
35 Mach. except Elec.	35	56	70	118	114	47
36 Elec. Mach.	1,462	708	304	1,982	13,808	18,329
37 Transp. Equip.	618	3,491	5,556	163	106	85
38 Instruments	172	950	4,201	6,035	4,149	3,342
39 Misc. Mfg.				23	28	
Trans., Comm. & Utilities (SIC 40-49)	1,856	344	2,553	3,391	2,512	2,966
Wholesale Trade (SIC 50)	451	338	325	183	110	4,983
Retail Trade (SIC 52-59)	3,318	761	97	723	791	391
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	11,508	6,925	8,124	17,258	12,440	16,829
Research & Development (SIC 73)	11,282	6,801	7,951	16,556	10,459	15,825
Government (SIC 91 & 92)	26					24
Not Known	3,700	4,647	4,194	4,028	1,042	2,555
COUNTY TOTAL	27,448	36,168	33,753	48,016	42,977	60,039

DEFENSE CONTRACT AWARDS
IN BALTIMORE CITY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	968	624	717	926	1,001	612
Contract Construction (SIC 15-17)	2,305	1,059	949	718	850	528
Manufacturing (Subtotal)	320,120	393,534	425,050	214,845	256,702	242,624
19 Ord. & Acces.	50,536	359	246	670	222	125
20 Food & Kind. Prod.	4,758	5,894	5,617	3,885	4,409	3,525
22 Textile Mill Prod.	632	782	19			237
23 Apparel & Fin. Prod.	324	2,160	1,134	252	1,152	1,784
24 Lumb. & Wood Prod.	29	15	41	52	40	12
25 Furn. & Fix.	175	562	223	114	126	
26 Paper & Paper Prod.	19	193	441	113	979	1,913
27 Prtg., Pub., etc.	74	320	2,383	139	25	290
28 Chemicals, etc.	6,481	6,760	6,252	4,606	4,503	1,630
29 Petr. Refining	16	15				18
30 Rub. & Misc. Plas.	6,300	8,063	11,527	6,199	9,334	7,089
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	1,256	2,923	40	3,979		18
33 Primary Metals	36,579	1,906		6,283	550	170
34 Fab. Metal Prod.	32,423	10,422	8,902	9,155	8,369	3,618
35 Mach. except Elec.	52,121	127,004	158,653	65,379	110,662	107,552
36 Elec. Mach.	103,165	154,505	179,905	74,921	114,304	110,525
37 Transp. Equip.	24,921	61,672	39,671	32,213	1,300	3,927
38 Instruments	311	9,964	9,866	6,754	555	179
39 Misc. Mfg.		15	130	131	172	12
Trans., Comm. & Utilities (SIC 40-49)	8,454	2,203	3,428	4,733	3,917	3,637
Wholesale Trade (SIC 50)	3,752	2,059	1,235	2,697	3,187	1,014
Retail Trade (SIC 52-59)	1,368	1,508	2,036	6,981	1,242	721
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	6,815	5,806	11,410	8,875	8,349	7,762
Research & Development (SIC 73)	6,602	5,496	10,873	8,234	7,727	7,514
Government (SIC 91 & 92)	119	101	140	74	47	36
Not Known	226	131	2,349	306	1,242	990
CITY TOTAL	344,127	407,025	447,314	240,155	276,537	257,924

DEFENSE CONTRACT AWARDS
IN BALTIMORE COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	12	16				
Contract Construction (SIC 15-17)	87	517		433	76	163
Manufacturing (Subtotal)	51,854	137,481	62,054	49,447	69,064	80,394
19 Ord. & Acces.	4,524	4,859	4,014	3,138	7,318	10,426
20 Food & Kind. Prod.	42	59			79	131
22 Textile Mill Prod.		766	889	816	107	
23 Apparel & Fin. Prod.			1,940		8	
24 Lumb. & Wood Prod.						11
25 Furn. & Fix.						
26 Paper & Paper Prod.			176	157		
27 Prtg., Pub., etc.		1,300			10	
28 Chemicals, etc.		9	11	28	33	141
29 Petr. Refining						
30 Rub. & Misc. Plas.	700	205	187	65	157	40
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	8,176	43,674	4,019	10,937	1,278	464
34 Fab. Metal Prod.	8,026	1,077	331	437	1,620	1,918
35 Mach. except Elec.	4,264	4,757	15,209	7,629	4,611	10,746
36 Elec. Mach.	12,919	29,878	25,703	15,290	26,473	26,057
37 Transp. Equip.	13,203	37,817	5,476	7,289	14,020	17,064
38 Instruments		13,077	4,099	3,461	13,350	13,396
39 Misc. Mfg.		3				
Trans., Comm. & Utilities (SIC 40-49)		1,704				
Wholesale Trade (SIC 50)			162	13	128	1,066
Retail Trade (SIC 52-59)	365	837	3,406	473	224	67
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,800	2,584	3,341	4,672	6,777	4,012
Research & Development (SIC 73)	1,735	2,584	3,341	4,672	6,689	4,012
Government (SIC 91 & 92)		25	33		30	29
Not Known	579	86	2,011	7,360	1,478	3,672
COUNTY TOTAL	54,697	143,250	71,107	62,398	77,777	89,403

DEFENSE CONTRACT AWARDS
IN CARROLL COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)		27			18	
Manufacturing (Subtotal)	321	1,207	241	616	517	607
19 Ord. & Acces.						
20 Food & Kind. Prod.	206	288	68	251	188	10
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.		188	91			425
31 Leath. & L. Prod.	115			38		
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.		46	11	30		
36 Elec. Mach.			71	281	329	172
37 Transp. Equip.		685				
38 Instruments				16		
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)					11	19
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known		443			2	38
COUNTY TOTAL	321	1,677	241	616	548	664

DEFENSE CONTRACT AWARDS
IN HARFORD COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	36	12	29		160	148
Contract Construction (SIC 15-17)	7,468	1,852	8,054	804	4,630	1,313
Manufacturing (Subtotal)	605	13,308	20,609	3,258	5,482	5,997
19 Ord. & Acces.						
20 Food & Kind. Prod.		15	12			
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.					12	
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.		35	13			
28 Chemicals, etc.		108	14	115	118	29
29 Petr. Refining		395		155		186
30 Rub. & Misc. Plas.		5,977	27			15
31 Leath. & L. Prod.		5,964	17,985	1,662	4,114	4,804
32 Stone, Clay & Glass	31	6			7	
33 Primary Metals	195	108		116	105	29
34 Fab. Metal Prod.	15	36	2,078	318	28	306
35 Mach. except Elec.			16			
36 Elec. Mach.	17	629	132	676	217	77
37 Transp. Equip.	285	21	305		822	434
38 Instruments	62	14	27	19	52	117
39 Misc. Mfg.				197	7	
Trans., Comm. & Utilities (SIC 40-49)	372	1,313	1,445	87	1,477	2,062
Wholesale Trade (SIC 50)	173	291	158	381	272	
Retail Trade (SIC 52-59)	239	68	206	122	160	309
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,823	4,208	1,492	2,578	1,770	2,786
Research & Development (SIC 73)	793	3,031	1,410	1,687	1,567	2,399
Government (SIC 91 & 92)						
Not Known	3,339	814	6,249	158	1,150	865
COUNTY TOTAL	14,055	21,866	38,242	7,388	15,101	13,480

DEFENSE CONTRACT AWARDS
IN HOWARD COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)		76			27	14
Manufacturing (Subtotal)	1,215	2,296	1,583	4,765	2,239	1,345
19 Ord. & Acces.						
20 Food & Kind. Prod.	12					
22 Textile Mill Prod.					435	876
23 Apparel & Fin. Prod.	638	1,563		2,686	750	390
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.	444	235	366	381	256	
29 Petr. Refining		15				
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.				35		50
35 Mach. except Elec.	11	242	24	77		
36 Elec. Mach.	110	241	1,193	1,586	798	29
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)					14	
Retail Trade (SIC 52-59)					48	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	35,380	37,843	54,173	43,921	46,747	46,962
Research & Development (SIC 73)	35,380	37,843	54,173	43,921	46,747	46,962
Government (SIC 91 & 92)						
Not Known		121		12	14	109
COUNTY TOTAL	36,595	40,336	55,756	48,698	49,089	48,430

DEFENSE CONTRACT AWARDS
IN WASHINGTON SUBURBAN REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	137	87	81		40	256
Contract Construction (SIC 15-17)	2,142	6,483	5,042	12,503	2,943	13,143
Manufacturing (Subtotal)	50,274	82,245	55,943	85,505	89,393	90,117
19 Ord. & Acces.	381	769	109	7	24	44
20 Food & Kind. Prod.	892	583	1,714	4,049	3,141	2,987
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						1,384
24 Lumb. & Wood Prod.			11			
25 Furn. & Fix.				38	22	
26 Paper & Paper Prod.	30					
27 Prtg., Pub., etc.	1,475	1,959	13,728	21,510	24,283	22,615
28 Chemicals, etc.	77	85	167	88	9	24
29 Petr. Refining	23	47	66	262	87	26
30 Rub. & Misc. Plas.	203	20	62	20	9	
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	233	67	142	2,798	105	24
33 Primary Metals		106	10	13		
34 Fab. Metal Prod.	4,534	1,608	1,539	5,889	388	20
35 Mach. except Elec.	302	3,177	719	3,399	4,719	3,009
36 Elec. Mach.	36,930	65,674	30,661	39,928	51,647	56,223
37 Transp. Equip.	1,160	2,349	3,959	1,831	1,622	1,779
38 Instruments	3,963	5,789	3,041	5,636	3,301	1,982
39 Misc. Mfg.	71	12	15	37	36	
Trans., Comm. & Utilities (SIC 40-49)	227	1,494	1,923	3,561	4,383	3,972
Wholesale Trade (SIC 50)	341	3,388	2,294	1,164	1,845	2,890
Retail Trade (SIC 52-59)	570	524	599	1,094	614	681
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	42,277	49,642	83,160	92,364	113,168	100,714
Research & Development (SIC 73)	42,095	49,411	82,319	91,714	112,864	99,916
Government (SIC 91 & 92)	404	229	582	767	1,017	3,069
Not Known	4,883	6,958	5,312	20,709	4,442	6,694
REGION TOTAL	101,255	151,050	154,936	217,667	217,845	221,536

DEFENSE CONTRACT AWARDS
IN MONTGOMERY COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		87				
Contract Construction (SIC 15-17)	806	1,661	680	10,947	1,328	9,871
Manufacturing (Subtotal)	32,028	71,844	48,375	71,475	81,002	83,397
19 Ord. & Acces.	381	720	50	7	9	44
20 Food & Kind. Prod.	14		39	25	11	187
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						1,384
24 Lumb. & Wood Prod.						
25 Furn. & Fix.				13	22	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.	89	445	13,001	21,346	23,242	21,811
28 Chemicals, etc.	66	85	167	88	9	24
29 Petr. Refining		47		43	12	
30 Rub. & Misc. Plas.	203	20	32	9	9	
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	233		61	2,499	13	
33 Primary Metals		106	10	13		
34 Fab. Metal Prod.	29	197	102	43	54	
35 Mach. except Elec.	277	2,653	719	3,384	4,549	2,956
36 Elec. Mach.	26,079	62,618	29,667	37,761	49,185	54,205
37 Transp. Equip.	660		1,886	774	1,112	1,540
38 Instruments	3,926	4,941	2,626	5,433	2,739	1,246
39 Misc. Mfg.	71	12	15	37	36	
Trans., Comm. & Utilities (SIC 40-49)	20			166	27	
Wholesale Trade (SIC 50)	123	2,790	1,672	244	1,845	2,168
Retail Trade (SIC 52-59)	138	485	448	899	539	483
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	39,520	45,078	64,132	77,077	91,461	80,263
Research & Development (SIC 73)	39,338	44,958	63,889	76,723	91,364	79,798
Government (SIC 91 & 92)	58	104	453	615	832	3,045
Not Known	4,245	1,377	1,770	20,008	1,995	5,909
COUNTY TOTAL	76,938	123,426	117,530	181,431	179,029	185,136

DEFENSE CONTRACT AWARDS
IN PRINCE GEORGE'S COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	137		81		40	256
Contract Construction (SIC 15-17)	1,336	4,822	4,362	1,556	1,615	3,272
Manufacturing (Subtotal)	18,246	10,401	7,568	14,030	8,391	6,720
19 Ord. & Acces.		49	59		15	
20 Food & Kind. Prod.	878	583	1,675	4,024	3,130	2,800
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			11			
25 Furn. & Fix.				25		
26 Paper & Paper Prod.	30					
27 Prtg., Pub., etc.	1,386	1,514	727	164	1,041	804
28 Chemicals, etc.	11					
29 Petr. Refining	23		66	219	75	26
30 Rub. & Misc. Plas.			30	11		
31 Leath. & L. Prod.						
32 Stone, Clay & Glass		67	81	299	92	24
33 Primary Metals						
34 Fab. Metal Prod.	4,505	1,411	1,437	5,846	334	20
35 Mach. except Elec.	25	524		15	170	53
36 Elec. Mach.	10,851	3,056	994	2,167	2,462	2,018
37 Transp. Equip.	500	2,349	2,073	1,057	510	239
38 Instruments	37	848	415	203	562	736
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	207	1,494	1,923	3,395	4,356	3,972
Wholesale Trade (SIC 50)	218	598	622	920		722
Retail Trade (SIC 52-59)	432	39	151	195	75	198
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	2,757	4,564	19,028	15,287	21,707	20,451
Research & Development (SIC 73)	2,757	4,453	18,430	14,991	21,500	20,118
Government (SIC 91 & 92)	346	125	129	152	185	24
Not Known	638	5,581	3,542	701	2,447	785
COUNTY TOTAL	24,317	27,624	37,406	36,236	38,816	36,400

DEFENSE CONTRACT AWARDS
IN SOUTHERN MARYLAND REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		75		14	24	395
Contract Construction (SIC 15-17)	1,014	1,167	1,564	2,059	7,095	701
Manufacturing (Subtotal)	476	170	464	872	369	459
19 Ord. & Acces.			9			
20 Food & Kind. Prod.	40	20	19			
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			87	590		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	48			10		36
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	60			27		36
33 Primary Metals	80					
34 Fab. Metal Prod.		26				
35 Mach. except Elec.	12				40	
36 Elec. Mach.	12		40		18	
37 Transp. Equip.	164	61	138		36	104
38 Instruments	60	63	171	245	275	283
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	25	350	397	87		
Wholesale Trade (SIC 50)	516	38	55	245	293	704
Retail Trade (SIC 52-59)	249	89	45	271	756	360
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	622	631	1,187	1,748	1,373	2,291
Research & Development (SIC 73)	318	357	888	926	1,092	934
Government (SIC 91 & 92)						
Not Known	1,439	4,328	4,154	4,880	2,601	470
REGION TOTAL	4,341	6,848	7,866	10,176	12,511	5,380

DEFENSE CONTRACT AWARDS
IN CALVERT COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		75		14	24	198
Contract Construction (SIC 15-17)	21	25		476	27	109
Manufacturing (Subtotal)	40		21			
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.			21			
37 Transp. Equip.	40					
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)	26	38	39	33	45	21
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known		11	197	14		19
COUNTY TOTAL	87	149	257	537	96	347

DEFENSE CONTRACT AWARDS
IN CHARLES COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						87
Contract Construction (SIC 15-17)	857	713	1,024	1,010	723	377
Manufacturing (Subtotal)	152	26	105	783	274	295
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			87	590		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	48			10		36
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass				10		36
33 Primary Metals	80					
34 Fab. Metal Prod.		26				
35 Mach. except Elec.	12				40	
36 Elec. Mach.	12					
37 Transp. Equip.						
38 Instruments			18	173	234	223
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	11		17	87		
Wholesale Trade (SIC 50)	11		16	15	85	533
Retail Trade (SIC 52-59)	97	20		49	127	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	136	64	166	514	424	345
Research & Development (SIC 73)	72	64	118	229	424	345
Government (SIC 91 & 92)						
Not Known	1,054	3,402	1,578	202	1,732	120
COUNTY TOTAL	2,318	4,225	2,906	2,660	3,365	1,757

DEFENSE CONTRACT AWARDS
IN ST. MARY'S COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						110
Contract Construction (SIC 15-17)	136	429	540	573	6,345	215
Manufacturing (Subtotal)	284	144	338	89	95	164
19 Ord. & Acces.			9			
20 Food & Kind. Prod.	40	20	19			
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	60			17		
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.			19		18	
37 Transp. Equip.	124	61	138		36	104
38 Instruments	60	63	153	72	41	60
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	14	350	380			
Wholesale Trade (SIC 50)	479			197	163	150
Retail Trade (SIC 52-59)	152	69	45	222	629	360
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	486	567	1,021	1,234	949	1,946
Research & Development (SIC 73)	246	293	770	697	668	589
Government (SIC 91 & 92)						
Not Known	385	915	2,379	4,664	869	331
COUNTY TOTAL	1,936	2,474	4,703	6,979	9,050	3,276

DEFENSE CONTRACT AWARDS
IN UPPER EASTERN SHORE REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	129	165	131	12	49	411
Contract Construction (SIC 15-17)	3,915	6,399	838	1,075	97	60
Manufacturing (Subtotal)	6,738	16,391	9,646	15,315	8,676	13,517
19 Ord. & Acces.	1,135	7,354	1,390	5,600	5,487	8,289
20 Food & Kind. Prod.	1,468	2,071	2,099	1,142	466	252
22 Textile Mill Prod.		152	503	136		
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.				34		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					80	
28 Chemicals, etc.	1,913	2,468	100		19	36
29 Petr. Refining	93	334	99	22		
30 Rub. & Misc. Plas.		11	11	57	12	11
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	291	549	2,494	560	115	12
34 Fab. Metal Prod.		1,964	58	1,465	163	113
35 Mach. except Elec.		7		420		
36 Elec. Mach.	1,024	8	22	179	323	
37 Transp. Equip.	775	1,463	2,815	5,700	1,994	4,804
38 Instruments	28	10	55			
39 Misc. Mfg.	11				17	
Trans., Comm. & Utilities (SIC 40-49)	54					
Wholesale Trade (SIC 50)	303	15	961	2,455	553	221
Retail Trade (SIC 52-59)	32	185	10		18	17
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,103	1,441	1,164	1,224	1,576	1,824
Research & Development (SIC 73)	1,083	1,311	1,164	1,224	1,562	1,783
Government (SIC 91 & 92)						
Not Known	84	442	68	1,640	157	874
REGION TOTAL	12,358	25,038	12,818	21,721	11,126	16,924

DEFENSE CONTRACT AWARDS
IN CAROLINE COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	129	155	119		33	411
Contract Construction (SIC 15-17)				18		
Manufacturing (Subtotal)	531	572	457	288	12	85
19 Ord. & Acces.						
20 Food & Kind. Prod.	492	561	446	231		74
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.		11	11	57	12	11
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments	28					
39 Misc. Mfg.	11					
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known		21				68
COUNTY TOTAL	660	748	576	306	45	564

DEFENSE CONTRACT AWARDS
IN CECIL COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		10	12			
Contract Construction (SIC 15-17)	3,313	6,399	815	1,040	74	60
Manufacturing (Subtotal)	4,953	13,581	7,260	13,915	7,783	13,105
19 Ord. & Acces.	1,135	7,354	1,390	5,600	5,487	8,289
20 Food & Kind. Prod.						
22 Textile Mill Prod.		152	503	136		
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.				34		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.	1,820	2,084				
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	291	549	2,494	560	115	12
34 Fab. Metal Prod.		1,964	58	1,465	163	
35 Mach. except Elec.		7		420		
36 Elec. Mach.	1,024	8			15	
37 Transp. Equip.	683	1,463	2,815	5,700	1,986	4,804
38 Instruments						
39 Misc. Mfg.					17	
Trans., Comm. & Utilities (SIC 40-49)	54					
Wholesale Trade (SIC 50)	303		133		102	76
Retail Trade (SIC 52-59)	20	171				
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	616	884	1,047	1,112	1,496	1,717
Research & Development (SIC 73)	596	754	1,047	1,112	1,496	1,717
Government (SIC 91 & 92)						
Not Known	84	413	30	1,487	91	682
COUNTY TOTAL	9,343	21,458	9,297	17,554	9,546	15,640

DEFENSE CONTRACT AWARDS
IN KENT COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	588		23	17	23	
Manufacturing (Subtotal)	278	668	254	22	88	36
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					69	
28 Chemicals, etc.	93	334	100		19	36
29 Petr. Refining	93	334	99	22		
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.	92					
38 Instruments			55			
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)		15	828	2,455	451	145
Retail Trade (SIC 52-59)	12	14	10		18	17
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	487	541	53	112	47	42
Research & Development (SIC 73)	487	541	53	112	47	42
Government (SIC 91 & 92)						
Not Known				64	64	27
COUNTY TOTAL	1,365	1,238	1,168	2,670	691	267

DEFENSE CONTRACT AWARDS
IN QUEEN ANNE'S COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)		10	1,653	179	17	113
19 Ord. & Acces.						
20 Food & Kind. Prod.			1,631			
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						113
35 Mach. except Elec.						
36 Elec. Mach.			22	179	9	
37 Transp. Equip.					8	
38 Instruments		10				
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		16	64		14	41
Research & Development (SIC 73)		16	64			
Government (SIC 91 & 92)						
Not Known			24	89	2	
COUNTY TOTAL		26	1,741	268	33	154

DEFENSE CONTRACT AWARDS
IN TALBOT COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)				12	16	
Contract Construction (SIC 15-17)	14					
Manufacturing (Subtotal)	976	1,560	22	911	776	178
19 Ord. & Acces.						
20 Food & Kind. Prod.	976	1,510	22	911	466	178
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					11	
28 Chemicals, etc.		50				
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.					299	
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)					19	24
Research & Development (SIC 73)					19	24
Government (SIC 91 & 92)						
Not Known		8	14			97
COUNTY TOTAL	990	1,568	36	923	811	299

DEFENSE CONTRACT AWARDS
IN LOWER EASTERN SHORE REGION - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		81	47	23	69	289
Contract Construction (SIC 15-17)	91	148				
Manufacturing (Subtotal)	2,219	4,249	3,229	2,581	1,555	929
19 Ord. & Acces.						
20 Food & Kind. Prod.	755	2,862	1,465	1,964	552	574
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	701	1,055	1,082	248	664	231
24 Lumb. & Wood Prod.						
25 Furn. & Fix.		69	138	21		
26 Paper & Paper Prod.	61	38	67	70	108	
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	586	25	112	46	14	13
33 Primary Metals	3	8	43	6		22
34 Fab. Metal Prod.	4	26	112	46	15	12
35 Mach. except Elec.	75	155	210	180	202	77
36 Elec. Mach.	23					
37 Transp. Equip.	11	11				
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)					2,155	
Wholesale Trade (SIC 50)	14		1,728	1,875		27
Retail Trade (SIC 52-59)			19	43		
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	75		30			256
Research & Development (SIC 73)	75					245
Government (SIC 91 & 92)						
Not Known	77	144	71	121		229
REGION TOTAL	2,476	4,622	5,124	4,643	3,779	1,730

DEFENSE CONTRACT AWARDS
IN DORCHESTER COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	1,061	2,170	1,244	1,806	315	134
19 Ord. & Acces.						
20 Food & Kind. Prod.	369	1,900	663	1,526	84	10
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.		69	138	21		
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	583	17	101	40	14	13
34 Fab. Metal Prod.			32			22
35 Mach. except Elec.		18	100	39	15	12
36 Elec. Mach.	75	155	210	180	202	77
37 Transp. Equip.	23					
38 Instruments	11	11				
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)					2,155	
Wholesale Trade (SIC 50)			1,728	1,875		27
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known	77	78				
COUNTY TOTAL	1,138	2,248	2,972	3,681	2,470	161

DEFENSE CONTRACT AWARDS
IN SOMERSET COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)			24		49	56
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	799	1,223	1,110	285	664	231
19 Ord. & Acces.						
20 Food & Kind. Prod.	98	168	28	37		
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	701	1,055	1,082	248	664	231
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						195
Research & Development (SIC 73)						195
Government (SIC 91 & 92)						
Not Known		66		85		37
COUNTY TOTAL	799	1,289	1,134	370	713	519

DEFENSE CONTRACT AWARDS
IN WICOMICO COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		81	23	23	20	233
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	87	306	430	218	445	564
19 Ord. & Acces.						
20 Food & Kind. Prod.	77	282	396	199	445	564
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	3	8	11	6		
34 Fab. Metal Prod.	3	8	11	6		
35 Mach. except Elec.	4	8	12	7		
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)	14					
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			30			11
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known			30			159
COUNTY TOTAL	101	387	513	241	465	967

DEFENSE CONTRACT AWARDS
IN WORCESTER COUNTY - 1965-1970
(Thousands of Dollars)

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	91	148				
Manufacturing (Subtotal)	272	550	445	272	131	
19 Ord. & Acces.						
20 Food & Kind. Prod.	211	512	378	202	23	
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.	61	38	67	70	108	
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)			19	43		
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	75					50
Research & Development (SIC 73)	75					50
Government (SIC 91 & 92)						
Not Known			41	36		33
COUNTY TOTAL	438	698	505	351	131	83

APPENDIX B

Defense Generated Employment in Maryland, Regions and Political Subdivisions 1965-1970

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN MARYLAND - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	194	161	140	131	172	392
Contract Construction (SIC 15-17)	1,412	2,440	2,338	2,187	1,753	2,188
Manufacturing (Subtotal)	18,456	29,089	27,255	17,441	20,631	20,123
19 Ord. & Acces.	2,728	688	267	383	508	699
20 Food & Kind. Prod.	241	318	305	288	224	179
22 Textile Mill Prod.	40	99	82	53	29	57
23 Apparel & Fin. Prod.	97	281	230	167	129	161
24 Lumb. & Wood Prod.	3	1	8	35	2	1
25 Furn. & Fix.	12	40	15	10	10	
26 Paper & Paper Prod.	2	10	30	12	38	74
27 Prtg., Pub., etc.	93	200	844	1,092	1,165	1,034
28 Chemicals, etc.	213	235	159	125	110	51
29 Petr. Refining	5	18	7	11	6	7
30 Rub. & Misc. Plas.	387	735	521	264	369	277
31 Leath. & L. Prod.	31	421	1,247	166	263	292
32 Stone, Clay & Glass	62	114	7	258	4	3
33 Primary Metals	1,354	1,413	202	513	57	19
34 Fab. Metal Prod.	1,554	638	414	522	308	165
35 Mach. except Elec.	2,610	6,270	8,059	4,007	5,504	5,309
36 Elec. Mach.	7,804	12,922	11,714	6,545	9,988	10,028
37 Transp. Equip.	929	2,588	1,924	1,765	782	743
38 Instruments	284	2,096	1,211	1,202	1,120	968
39 Misc. Mfg.	7	2	9	23	15	36
Trans., Comm. & Utilities (SIC 40-49)	529	358	448	519	599	489
Wholesale Trade (SIC 50)	51	54	59	75	51	83
Retail Trade (SIC 52-59)	146	94	144	205	94	51
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	4,320	4,915	7,420	7,133	8,472	8,022
Research & Development (SIC 73)	4,175	4,762	7,281	6,902	8,318	7,802
Government (SIC 91 & 92)	24	16	34	34	47	137
Not Known	604	852	1,134	1,603	534	739
STATE TOTAL	25,736	37,979	38,972	29,328	32,353	32,224

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN WESTERN MARYLAND REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	3	6	7	3	4	
Contract Construction (SIC 15-17)	31	1	39	29	32	33
Manufacturing (Subtotal)	64	272	750	1,231	533	128
19 Ord. & Acces.	6		18		1	
20 Food & Kind. Prod.				1		1
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	1					
24 Lumb. & Wood Prod.	1					
25 Furn. & Fix.			1			
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.			1	5	3	3
28 Chemicals, etc.						11
29 Petr. Refining	1		1	3	2	2
30 Rub. & Misc. Plas.	2	1	6			
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.	1	1	4	8	2	1
35 Mach. except Elec.	4	86	188	566	207	9
36 Elec. Mach.		57	13	1	1	1
37 Transp. Equip.	42	127	505	636	314	94
38 Instruments	4		13	11	3	5
39 Misc. Mfg.	2					1
Trans., Comm. & Utilities (SIC 40-49)	10		1	3	5	2
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)	1		1		1	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			11	8	52	9
Research & Development (SIC 73)				8	51	9
Government (SIC 91 & 92)						
Not Known		33	35	9	1	9
REGION TOTAL	109	312	844	1,283	628	181

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN ALLEGANY COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)					1	9
Manufacturing (Subtotal)	11	1	25			
19 Ord. & Acces.	6		18			
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.			1			
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.	1	1	6			
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments	4					
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	9					
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)			1		1	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			4			1
Research & Development (SIC 73)						1
Government (SIC 91 & 92)						
Not Known						1
COUNTY TOTAL	20	1	30		2	11

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN GARRETT COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	4	1	4	1	7	2
Manufacturing (Subtotal)	1					
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.	1					
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known						
COUNTY TOTAL	5	1	4	1	7	2

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN WASHINGTON COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	3	6	7	3	4	
Contract Construction (SIC 15-17)	27		35	28	24	22
Manufacturing (Subtotal)	52	271	725	1,231	533	128
19 Ord. & Acces.					1	
20 Food & Kind. Prod.				1		1
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	1					
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.			1	5	3	3
28 Chemicals, etc.						11
29 Petr. Refining	1		1	3	2	2
30 Rub. & Misc. Plas.	1					
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.	1	1	4	8	2	1
35 Mach. except Elec.	4	86	188	566	207	9
36 Elec. Mach.		57	13	1	1	1
37 Transp. Equip.	42	127	505	636	314	94
38 Instruments			13	11	3	5
39 Misc. Mfg.	2					1
Trans., Comm. & Utilities (SIC 40-49)	1		1	3	5	2
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)	1					
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			7	8	52	8
Research & Development (SIC 73)				8	51	8
Government (SIC 91 & 92)						
Not Known		33	35	9	1	8
COUNTY TOTAL	84	310	810	1,282	619	168

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN FREDERICK REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		2	2	2	3	
Contract Construction (SIC 15-17)	59	111	599	9	130	455
Manufacturing (Subtotal)	64	84	209	121	72	77
19 Ord. & Acces.						
20 Food & Kind. Prod.	16	9	35	20	24	18
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.		1				
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining		4				
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.	23	10	56	60	9	3
32 Stone, Clay & Glass	4			1		
33 Primary Metals						
34 Fab. Metal Prod.	1		1	1	1	
35 Mach. except Elec.	2	6	32	6	3	
36 Elec. Mach.	18	18	80	21	30	4
37 Transp. Equip.						10
38 Instruments		36	5	12	5	8
39 Misc. Mfg.						34
Trans., Comm. & Utilities (SIC 40-49)	24	30	31	30	23	
Wholesale Trade (SIC 50)				1		
Retail Trade (SIC 52-59)		4	3		15	1
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		35	43	28	28	19
Research & Development (SIC 73)		35	43	27	27	19
Government (SIC 91 & 92)	1					
Not Known	2	18	10		4	16
REGION TOTAL	150	284	897	191	275	568

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN FREDERICK COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		2	2	2	3	
Contract Construction (SIC 15-17)	59	111	599	9	130	455
Manufacturing (Subtotal)	64	84	209	121	72	77
19 Ord. & Acces.						
20 Food & Kind. Prod.	16	9	35	20	24	18
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.		1				
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining		4				
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.	23	10	56	60	9	3
32 Stone, Clay & Glass	4			1		
33 Primary Metals						
34 Fab. Metal Prod.	1		1	1	1	
35 Mach. except Elec.	2	6	32	6	3	
36 Elec. Mach.	18	18	80	21	30	4
37 Transp. Equip.						10
38 Instruments		36	5	12	5	8
39 Misc. Mfg.						34
Trans., Comm. & Utilities (SIC 40-49)	24	30	31	30	23	
Wholesale Trade (SIC 50)				1		
Retail Trade (SIC 52-59)		4	3		15	1
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		35	43	28	28	19
Research & Development (SIC 73)		35	43	27	27	19
Government (SIC 91 & 92)	1					
Not Known	2	18	10		4	16
COUNTY TOTAL	150	284	897	191	275	568

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN BALTIMORE REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	152	97	97	120	144	245
Contract Construction (SIC 15-17)	874	1,314	1,179	1,063	892	748
Manufacturing (Subtotal)	15,567	23,763	23,238	11,597	15,517	15,357
19 Ord. & Acces.	2,649	269	184	155	293	391
20 Food & Kind. Prod.	138	164	140	98	105	78
22 Textile Mill Prod.	40	90	53	45	29	57
23 Apparel & Fin. Prod.	56	218	170	154	96	104
24 Lumb. & Wood Prod.	2	1	2	3	2	1
25 Furn. & Fix.	12	39	14	8	9	
26 Paper & Paper Prod.	1	7	24	11	38	74
27 Prtg., Pub., etc.	4	90	125	8	2	13
28 Chemicals, etc.	166	173	153	123	109	39
29 Petr. Refining	1	7	3	3	3	4
30 Rub. & Misc. Plas.	374	732	512	261	368	18
31 Leath. & L. Prod.	8	411	1,191	106	254	548
32 Stone, Clay & Glass	47	111	2	153		1
33 Primary Metals	1,326	1,392	123	495	54	18
34 Fab. Metal Prod.	1,396	509	359	297	289	159
35 Mach. except Elec.	2,589	6,032	7,802	3,264	5,083	5,168
36 Elec. Mach.	5,884	9,488	10,112	4,577	7,460	7,355
37 Transp. Equip.	841	2,373	1,250	949	382	485
38 Instruments	33	1,656	1,011	866	929	843
39 Misc. Mfg.		1	8	21	12	1
Trans., Comm. & Utilities (SIC 40-49)	482	246	317	336	313	334
Wholesale Trade (SIC 50)	40	25	16	27	30	54
Retail Trade (SIC 52-59)	125	72	126	175	50	29
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	2,453	2,577	3,523	3,190	3,322	3,414
Research & Development (SIC 73)	2,344	2,467	3,471	3,051	3,196	3,321
Government (SIC 91 & 92)	6	5	8	3	3	4
Not Known	330	276	661	482	215	356
REGION TOTAL	20,029	28,375	29,165	16,993	20,486	20,541

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN ANNE ARUNDEL COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		6		7	11	162
Contract Construction (SIC 15-17)	258	1,062	550	927	506	610
Manufacturing (Subtotal)	102	292	400	448	895	1,039
19 Ord. & Acces.	2					
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.	1	1	1	1	3	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.				2		
28 Chemicals, etc.			1	8		
29 Petr. Refining			3		3	1
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass				5		
33 Primary Metals		4				
34 Fab. Metal Prod.	1	102	8	5	6	
35 Mach. except Elec.	2	3	3	5	5	2
36 Elec. Mach.	73	36	15	96	661	869
37 Transp. Equip.	13	80	136	4	2	2
38 Instruments	10	66	233	321	213	165
39 Misc. Mfg.				1	2	
Trans., Comm. & Utilities (SIC 40-49)	84	15	109	139	100	114
Wholesale Trade (SIC 50)	4	3	3	1	1	38
Retail Trade (SIC 52-59)	78	17	2	15	16	8
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	490	312	366	717	544	742
Research & Development (SIC 73)	474	301	355	673	457	685
Government (SIC 91 & 92)	1					1
Not Known	156	206	187	164	46	110
COUNTY TOTAL	1,173	1,913	1,617	2,418	2,119	2,824

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN BALTIMORE CITY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	145	87	93	113	115	67
Contract Construction (SIC 15-17)	144	76	66	50	59	36
Manufacturing (Subtotal)	13,479	17,300	18,708	8,773	11,337	10,697
19 Ord. & Acces.	2,430	19	10	27	8	5
20 Food & Kind. Prod.	131	154	138	92	99	75
22 Textile Mill Prod.	40	46	1			12
23 Apparel & Fin. Prod.	19	127	63	13	58	85
24 Lumb. & Wood Prod.	2	1	2	3	2	1
25 Furn. & Fix.	11	38	13	7	6	
26 Paper & Paper Prod.	1	7	17	5	38	74
27 Prtg., Pub., etc.	4	17	124	6	1	13
28 Chemicals, etc.	155	164	144	103	100	35
29 Petr. Refining	1					
30 Rub. & Misc. Plas.	337	409	499	258	362	259
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	46	111	2	147		1
33 Primary Metals	1,079	58		180	15	4
34 Fab. Metal Prod.	1,118	368	276	269	236	98
35 Mach. except Elec.	2,391	5,799	7,114	2,906	4,875	4,697
36 Elec. Mach.	5,158	7,883	8,776	3,619	5,468	5,238
37 Transp. Equip.	537	1,411	973	771	31	90
38 Instruments	19	687	548	359	28	9
39 Misc. Mfg.		1	8	8	10	1
Trans., Comm. & Utilities (SIC 40-49)	381	98	146	194	155	140
Wholesale Trade (SIC 50)	34	19	11	23	26	8
Retail Trade (SIC 52-59)	32	34	45	147	25	14
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	292	264	520	375	364	339
Research & Development (SIC 73)	277	243	485	335	337	325
Government (SIC 91 & 92)	5	4	7	3	2	2
Not Known	9	6	105	12	54	43
CITY TOTAL	14,521	17,888	19,701	9,690	12,137	11,346

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN BALTIMORE COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	2	2				
Contract Construction (SIC 15-17)	5	37		30	5	11
Manufacturing (Subtotal)	1,898	5,252	2,779	1,952	2,868	3,218
19 Ord. & Acces.	217	250	174	128	285	386
20 Food & Kind. Prod.	1	2			2	3
22 Textile Mill Prod.		44	52	45	6	
23 Apparel & Fin. Prod.			107			
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.			7	6		
27 Prtg., Pub., etc.		71			1	
28 Chemicals, etc.				1	1	3
29 Petr. Refining						
30 Rub. & Misc. Plas.	37	10	8	3	6	1
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	241	1,327	123	312	36	13
34 Fab. Metal Prod.	276	38	10	13	46	52
35 Mach. except Elec.	195	217	682	348	203	469
36 Elec. Mach.	646	1,525	1,254	738	1,267	1,235
37 Transp. Equip.	285	866	134	174	330	393
38 Instruments		902	228	184	685	663
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)		75				
Wholesale Trade (SIC 50)			1		1	8
Retail Trade (SIC 52-59)	9	19	74	10	5	1
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	78	114	149	190	296	174
Research & Development (SIC 73)	73	114	149	190	292	174
Government (SIC 91 & 92)		1	1		1	1
Not Known	24	3	90	299	64	159
COUNTY TOTAL	2,016	5,503	3,094	2,481	3,240	3,572

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN BALTIMORE COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	2	2				
Contract Construction (SIC 15-17)	5	37		30	5	11
Manufacturing (Subtotal)	1,898	5,252	2,779	1,952	2,868	3,218
19 Ord. & Acces.	217	250	174	128	285	386
20 Food & Kind. Prod.	1	2			2	3
22 Textile Mill Prod.		44	52	45	6	
23 Apparel & Fin. Prod.			107			
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.			7	6		
27 Prtg., Pub., etc.		71			1	
28 Chemicals, etc.				1	1	3
29 Petr. Refining						
30 Rub. & Misc. Plas.	37	10	8	3	6	1
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	241	1,327	123	312	36	13
34 Fab. Metal Prod.	276	38	10	13	46	52
35 Mach. except Elec.	195	217	682	348	203	469
36 Elec. Mach.	646	1,525	1,254	738	1,267	1,235
37 Transp. Equip.	285	866	134	174	330	393
38 Instruments		902	228	184	685	663
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)		75				
Wholesale Trade (SIC 50)			1		1	8
Retail Trade (SIC 52-59)	9	19	74	10	5	1
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	78	114	149	190	296	174
Research & Development (SIC 73)	73	114	149	190	292	174
Government (SIC 91 & 92)		1	1		1	1
Not Known	24	3	90	299	64	159
COUNTY TOTAL	2,016	5,503	3,094	2,481	3,240	3,572

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN CARROLL COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)		2			1	
Manufacturing (Subtotal)	14	36	10	23	20	24
19 Ord. & Acces.						
20 Food & Kind. Prod.	6	8	2	6	4	
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.		10	4			16
31 Leath. & L. Prod.	8					
32 Stone, Clay & Glass				1		
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.		2	1	1		
36 Elec. Mach.			3	14	16	8
37 Transp. Equip.		16				
38 Instruments				1		
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						1
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known		20				2
COUNTY TOTAL	14	58	10	23	21	27

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN HARFORD COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	5	2	4		18	16
Contract Construction (SIC 15-17)	467	132	563	56	319	90
Manufacturing (Subtotal)	19	763	1,274	170	294	313
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.					1	
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.		2	1			
28 Chemicals, etc.		3		3	3	1
29 Petr. Refining		7		3		3
30 Rub. & Misc. Plas.		303	1			1
31 Leath. & L. Prod.		411	1,191	106	254	289
32 Stone, Clay & Glass	1					
33 Primary Metals	6	3		3	3	1
34 Fab. Metal Prod.	1	1	65	9	1	8
35 Mach. except Elec.			1			
36 Elec. Mach.	1	32	6	33	10	4
37 Transp. Equip.	6		7		19	
38 Instruments	4	1	2	1	3	6
39 Misc. Mfg.				12		
Trans., Comm. & Utilities (SIC 40-49)	17	58	62	3	58	79
Wholesale Trade (SIC 50)	2	3	1	3	2	
Retail Trade (SIC 52-59)	6	2	5	3	3	6
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	106	212	69	123	77	126
Research & Development (SIC 73)	33	134	63	68	68	104
Government (SIC 91 & 92)						
Not Known	141	36	279	6	50	37
COUNTY TOTAL	763	1,208	2,257	364	821	667

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN HOWARD COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)		5			2	1
Manufacturing (Subtotal)	55	120	67	231	103	66
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.					23	45
23 Apparel & Fin. Prod.	37	91		141	37	19
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.	11	6	8	8	5	
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.				1		1
35 Mach. except Elec.	1	11	1	4		
36 Elec. Mach.	6	12	58	77	38	1
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)					1	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,487	1,675	2,419	1,785	2,041	2,033
Research & Development (SIC 73)	1,487	1,675	2,419	1,785	2,041	2,033
Government (SIC 91 & 92)						
Not Known		5		1	1	5
COUNTY TOTAL	1,542	1,805	2,486	2,017	2,148	2,105

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN WASHINGTON SUBURBAN REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	20	12	11		4	28
Contract Construction (SIC 15-17)	134	463	353	868	203	900
Manufacturing (Subtotal)	2,437	4,179	2,619	3,884	4,128	4,086
19 Ord. & Acces.	18	40	5		1	1
20 Food & Kind. Prod.	25	15	42	96	71	64
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						66
24 Lumb. & Wood Prod.			1			
25 Furn. & Fix.				2	1	
26 Paper & Paper Prod.	1					
27 Prtg., Pub., etc.	85	107	715	1,075	1,151	1,018
28 Chemicals, etc.	2	2	4	2		
29 Petr. Refining	1	1	1	5	1	
30 Rub. & Misc. Plas.	11	1	3	1		
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	9	3	5	103	4	1
33 Primary Metals		3		1		
34 Fab. Metal Prod.	156	57	48	173	11	1
35 Mach. except Elec.	14	145	32	151	208	131
36 Elec. Mach.	1,846	3,351	1,496	1,929	2,471	2,665
37 Transp. Equip.	25	54	97	44	38	41
38 Instruments	240	399	169	300	169	98
39 Misc. Mfg.	4	1	1	2	2	
Trans., Comm. & Utilities (SIC 40-49)	10	67	82	146	173	153
Wholesale Trade (SIC 50)	3	29	20	10	15	22
Retail Trade (SIC 52-59)	13	12	13	23	12	14
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,782	2,201	3,730	3,768	4,941	4,372
Research & Development (SIC 73)	1,769	2,186	3,675	3,728	4,928	4,326
Government (SIC 91 & 92)	17	11	26	31	44	133
Not Known	205	308	237	842	194	290
REGION TOTAL	4,621	7,282	7,091	9,572	9,714	9,998

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN MONTGOMERY COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		12				
Contract Construction (SIC 15-17)	50	119	48	760	92	676
Manufacturing (Subtotal)	1,618	3,733	2,364	3,452	3,828	3,848
19 Ord. & Acces.	18	37	2			1
20 Food & Kind. Prod.			1	1		4
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						66
24 Lumb. & Wood Prod.						
25 Furn. & Fix.				1	1	
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.	5	24	677	1,067	1,102	982
28 Chemicals, etc.	2	2	4	2		
29 Petr. Refining		1		1		
30 Rub. & Misc. Plas.	11	1	2			
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	9		2	92	1	
33 Primary Metals		3		1		
34 Fab. Metal Prod.	1	7	4	2	3	
35 Mach. except Elec.	13	121	32	151	200	129
36 Elec. Mach.	1,304	3,195	1,447	1,824	2,353	2,569
37 Transp. Equip.	13		46	19	26	35
38 Instruments	238	341	146	289	140	62
39 Misc. Mfg.	4	1	1	2	2	
Trans., Comm. & Utilities (SIC 40-49)	1			7	1	
Wholesale Trade (SIC 50)	1	24	14	2	15	17
Retail Trade (SIC 52-59)	3	11	10	19	10	10
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	1,666	1,997	2,868	3,141	3,994	3,482
Research & Development (SIC 73)	1,653	1,989	2,852	3,119	3,990	3,455
Government (SIC 91 & 92)	2	5	20	25	40	132
Not Known	178	61	79	813	87	256
COUNTY TOTAL	3,519	5,962	5,403	8,219	8,067	8,421

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN PRINCE GEORGE'S COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	20		11		4	28
Contract Construction (SIC 15-17)	84	344	305	108	111	224
Manufacturing (Subtotal)	819	446	255	432	300	238
19 Ord. & Acces.		3	3		1	
20 Food & Kind. Prod.	25	15	41	95	71	60
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			1			
25 Furn. & Fix.				1		
26 Paper & Paper Prod.	1					
27 Prtg., Pub., etc.	80	83	38	8	49	30
28 Chemicals, etc.						
29 Petr. Refining	1		1	4	1	
30 Rub. & Misc. Plas.			1	1		
31 Leath. & L. Prod.						
32 Stone, Clay & Glass		3	3	11	3	1
33 Primary Metals						
34 Fab. Metal Prod.	155	50	44	171	8	1
35 Mach. except Elec.	1	24			8	2
36 Elec. Mach.	542	156	49	105	118	96
37 Transp. Equip.	12	54	51	25	12	6
38 Instruments	2	58	23	11	29	36
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	9	67	82	139	172	153
Wholesale Trade (SIC 50)	2	5	6	8		5
Retail Trade (SIC 52-59)	10	1	3	4	2	4
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	116	204	862	627	947	890
Research & Development (SIC 73)	116	197	823	609	938	871
Government (SIC 91 & 92)	15	6	6	6	4	1
Not Known	27	247	158	29	107	34
COUNTY TOTAL	1,102	1,320	1,688	1,353	1,647	1,577

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN SOUTHERN MARYLAND REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		10		2	3	43
Contract Construction (SIC 15-17)	63	84	109	143	489	48
Manufacturing (Subtotal)	16	7	20	44	18	18
19 Ord. & Acces.						
20 Food & Kind. Prod.	1	1				
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			5	30		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	1					1
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	2			1		1
33 Primary Metals	2					
34 Fab. Metal Prod.		1				
35 Mach. except Elec.	1				2	
36 Elec. Mach.	1		2		1	
37 Transp. Equip.	4	1	3		1	2
38 Instruments	4	4	10	13	14	14
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	1	15	17	4		
Wholesale Trade (SIC 50)	5			2	2	5
Retail Trade (SIC 52-59)	6	2	1	6	15	7
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	35	35	59	89	60	118
Research & Development (SIC 73)	13	16	40	38	48	40
Government (SIC 91 & 92)						
Not Known	60	192	185	198	113	20
REGION TOTAL	186	345	391	488	700	259

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN CALVERT COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		10		2	3	22
Contract Construction (SIC 15-17)	1	2		33	2	7
Manufacturing (Subtotal)	1		1			
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.			1			
37 Transp. Equip.	1					
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known			9	1		1
COUNTY TOTAL	2	12	10	36	5	30

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN CHARLES COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						9
Contract Construction (SIC 15-17)	54	51	72	70	50	26
Manufacturing (Subtotal)	5	1	6	35	13	13
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.			5	30		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining	1					1
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						1
33 Primary Metals	2					
34 Fab. Metal Prod.		1				
35 Mach. except Elec.	1				2	
36 Elec. Mach.	1					
37 Transp. Equip.						
38 Instruments			1	5	11	11
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)			1	4		
Wholesale Trade (SIC 50)					1	4
Retail Trade (SIC 52-59)	2			1	3	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	8	3	8	27	19	15
Research & Development (SIC 73)	3	3	5	9	19	15
Government (SIC 91 & 92)						
Not Known	44	151	70	8	75	5
COUNTY TOTAL	113	206	157	145	161	72

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN ST. MARY'S COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						12
Contract Construction (SIC 15-17)	8	31	37	40	437	15
Manufacturing (Subtotal)	10	6	13	9	5	5
19 Ord. & Acces.						
20 Food & Kind. Prod.	1	1				
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass	2			1		
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.			1		1	
37 Transp. Equip.	3	1	3		1	2
38 Instruments	4	4	9	8	3	3
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)	1	15	10			
Wholesale Trade (SIC 50)	5			2	1	1
Retail Trade (SIC 52-59)	4	2	1	5	12	7
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	27	32	51	62	41	103
Research & Development (SIC 73)	10	13	35	29	29	25
Government (SIC 91 & 92)						
Not Known	16	41	106	189	38	14
COUNTY TOTAL	71	127	224	307	534	157

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN UPPER EASTERN SHORE REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	19	23	17	1	6	45
Contract Construction (SIC 15-17)	245	457	59	75	7	4
Manufacturing (Subtotal)	221	630	296	488	302	429
19 Ord. & Acces.	55	379	60	228	214	307
20 Food & Kind. Prod.	40	54	52	27	11	6
22 Textile Mill Prod.		9	29	8		
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.				2		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					4	
28 Chemicals, etc.	45	60	2		1	1
29 Petr. Refining	1	6	2			
30 Rub. & Misc. Plas.		1		2	1	
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	9	17	76	16	3	1
34 Fab. Metal Prod.		70	2	43	5	3
35 Mach. except Elec.				18		
36 Elec. Mach.	51	1	1	8	15	
37 Transp. Equip.	17	33	69	136	47	111
38 Instruments	2		3			
39 Misc. Mfg.	1				1	
Trans., Comm. & Utilities (SIC 40-49)	2					
Wholesale Trade (SIC 50)	3		8	20	4	2
Retail Trade (SIC 52-59)	1	4			1	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	47	67	52	50	69	79
Research & Development (SIC 73)	46	58	52	50	68	77
Government (SIC 91 & 92)	4	19	3	67	7	38
Not Known						
REGION TOTAL	542	1,200	435	701	396	597

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN CAROLINE COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)	19	22	15		4	45
Contract Construction (SIC 15-17)				1		
Manufacturing (Subtotal)	17	16	11	7	1	2
19 Ord. & Acces.						
20 Food & Kind. Prod.	14	15	11	5		2
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.		1		2	1	
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments	2					
39 Misc. Mfg.	1					
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known		1				3
COUNTY TOTAL	36	39	26	8	5	50

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN CECIL COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		1	2			
Contract Construction (SIC 15-17)	207	457	57	73	5	4
Manufacturing (Subtotal)	172	559	236	451	271	419
19 Ord. & Acces.	55	379	60	228	214	307
20 Food & Kind. Prod.						
22 Textile Mill Prod.		9	29	8		
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.				2		
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.	43	51				
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	9	17	76	16	3	1
34 Fab. Metal Prod.		70	2	43	5	
35 Mach. except Elec.				18		
36 Elec. Mach.	51				1	
37 Transp. Equip.	14	33	69	136	47	111
38 Instruments						
39 Misc. Mfg.					1	
Trans., Comm. & Utilities (SIC 40-49)	2					
Wholesale Trade (SIC 50)	3		1		1	1
Retail Trade (SIC 52-59)	1	4				
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	26	42	47	45	65	74
Research & Development (SIC 73)	25	33	47	45	65	74
Government (SIC 91 & 92)						
Not Known	4	18	2	60	4	30
COUNTY TOTAL	415	1,081	345	629	346	528

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN KENT COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	37		2	1	2	
Manufacturing (Subtotal)	6	14	7		4	1
19 Ord. & Acces.						
20 Food & Kind. Prod.						
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					3	
28 Chemicals, etc.	2	8	2		1	1
29 Petr. Refining	1	6	2			
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.	3					
38 Instruments			3			
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)			7	20	3	1
Retail Trade (SIC 52-59)					1	
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	21	24	2	5	2	2
Research & Development (SIC 73)	21	24	2	5	2	2
Government (SIC 91 & 92)						
Not Known				3	3	1
COUNTY TOTAL	64	38	18	29	15	5

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN QUEEN ANNE'S COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)		1	41	8		3
19 Ord. & Acces.						
20 Food & Kind. Prod.			40			
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						3
35 Mach. except Elec.						
36 Elec. Mach.			1	8		
37 Transp. Equip.						
38 Instruments		1				
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)		1	3		1	2
Research & Development (SIC 73)		1	3			
Government (SIC 91 & 92)						
Not Known			1	4		
COUNTY TOTAL		2	45	12	1	5

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN TALBOT COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)				1	2	
Contract Construction (SIC 15-17)	1					
Manufacturing (Subtotal)	26	40	1	22	26	4
19 Ord. & Acces.						
20 Food & Kind. Prod.	26	39	1	22	11	4
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.					1	
28 Chemicals, etc.		1				
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.					14	
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)					1	1
Research & Development (SIC 73)					1	1
Government (SIC 91 & 92)						
Not Known						4
COUNTY TOTAL	27	40	1	23	29	9

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN LOWER EASTERN SHORE REGION - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		11	6	3	8	31
Contract Construction (SIC 15-17)	6	10				
Manufacturing (Subtotal)	87	154	123	76	61	28
19 Ord. & Acces.						
20 Food & Kind. Prod.	21	75	36	46	12	12
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	40	62	60	13	33	11
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.		3	6	1		
27 Prtg., Pub., etc.	4	3	3	4	5	
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	17	1	3	1		
34 Fab. Metal Prod.						1
35 Mach. except Elec.		1	5	2	1	1
36 Elec. Mach.	4	8	10	9	10	3
37 Transp. Equip.						
38 Instruments	1	1				
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)					85	
Wholesale Trade (SIC 50)			15	15		
Retail Trade (SIC 52-59)				1		
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	3		2			11
Research & Development (SIC 73)	3					10
Government (SIC 91 & 92)						
Not Known	3	6	3	5		10
REGION TOTAL	99	181	149	100	154	80

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN DORCHESTER COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	32	65	40	49	13	5
19 Ord. & Acces.						
20 Food & Kind. Prod.	10	51	16	36	2	
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.		3	6	1		
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals	17	1	3	1		
34 Fab. Metal Prod.						1
35 Mach. except Elec.		1	5	2	1	1
36 Elec. Mach.	4	8	10	9	10	3
37 Transp. Equip.						
38 Instruments	1	1				
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)					85	
Wholesale Trade (SIC 50)			15	15		
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known	3	3				
COUNTY TOTAL	35	68	55	64	98	5

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN SOMERSET COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)			3		6	6
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	43	66	61	14	33	11
19 Ord. & Acces.						
20 Food & Kind. Prod.	3	4	1	1		
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.	40	62	60	13	33	11
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)						8
Research & Development (SIC 73)						8
Government (SIC 91 & 92)						
Not Known		3		4		2
COUNTY TOTAL	43	69	64	18	39	27

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN WICOMICO COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)		11	3	3	2	25
Contract Construction (SIC 15-17)						
Manufacturing (Subtotal)	2	7	10	4	9	12
19 Ord. & Acces.						
20 Food & Kind. Prod.	2	7	10	4	9	12
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.						
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)						
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)			2			1
Research & Development (SIC 73)						
Government (SIC 91 & 92)						
Not Known			1	1		7
COUNTY TOTAL	2	18	16	8	11	45

ESTIMATED DEFENSE GENERATED EMPLOYMENT
IN WORCESTER COUNTY - 1965-1970

Industry	1965	1966	1967	1968	1969	1970
Agri., For., Fish. (SIC 01 & 07)						
Contract Construction (SIC 15-17)	6	10				
Manufacturing (Subtotal)	10	16	12	9	6	
19 Ord. & Acces.						
20 Food & Kind. Prod.	6	13	9	5	1	
22 Textile Mill Prod.						
23 Apparel & Fin. Prod.						
24 Lumb. & Wood Prod.						
25 Furn. & Fix.						
26 Paper & Paper Prod.						
27 Prtg., Pub., etc.	4	3	3	4	5	
28 Chemicals, etc.						
29 Petr. Refining						
30 Rub. & Misc. Plas.						
31 Leath. & L. Prod.						
32 Stone, Clay & Glass						
33 Primary Metals						
34 Fab. Metal Prod.						
35 Mach. except Elec.						
36 Elec. Mach.						
37 Transp. Equip.						
38 Instruments						
39 Misc. Mfg.						
Trans., Comm. & Utilities (SIC 40-49)						
Wholesale Trade (SIC 50)						
Retail Trade (SIC 52-59)				1		
Finance, Ins. & R. E. (SIC 60-67)						
Services (SIC 70-89)	3					2
Research & Development (SIC 73)	3					2
Government (SIC 91 & 92)						
Not Known			2			1
COUNTY TOTAL	19	26	14	10	6	3

APPENDIX C

Technical Notes and Definitions

Methodology

Prime defense contract awards were reported for each business firm or other establishment by given locations, cities, towns etc. for all fiscal years through 1970.[1/] These data were tabulated by industry group for the State, regions and political subdivision as presented in Appendix A. For the majority of the establishments which received contract awards in 1970 and in any of the previous years, the industry group was already identified. For the others, this information was obtained from the directory[2/] and other sources. The category "unknown" accounts for those contracts awarded to the establishments whose industrial classification could not be determined with certainty.

The more defense-oriented manufacturing industries were tabulated in two-digit SIC detail with a sub-total for all manufacturing. Other industries were combined in groups with only sub-sector SIC 73, mostly research and development, shown separately. In some instances the tabulations in Appendix A are different from those published for earlier years where information received subsequently indicated the need for adjustment.

The estimating procedures used in derivation of direct defense generated employment, presented in Appendix B, were basically the same as formulated in the earlier study, National Defense Related Employment in Maryland, 1965-1969,[3/] pp. 18-19 and Appendix A. The ratio of total employment to total output was applied to tabulated contract awards for each industry in the State, regions and political subdivisions. It was assumed

1/ "Department of Defense Prime Contractors Which Received Awards of $10000 or More in Maryland." (Bibliography, 22.)

2/ Directory 1969-1970 of Maryland Manufactures. (Bibliography, 1.)

3/ Bibliography, 24.

that the average manpower requirements per unit of output for each industry are the same whether delivered under defense contract or sold in the general market. Furthermore, an average 1/2 year time lag between the contracts and final deliveries of goods and services was assumed and average annual employment-to-output ratios were applied to obtain annual average employment impacts, although the contract awards were reported on a fiscal year basis.

Accordingly, the tabulations in Appendix B represent the annual average employment impact, the direct defense generated employment for each year as indicated. It should be noted, however, that these estimates are approximations of the employment generated only in the contract recipient industries. The indirect impacts, such as employment generated in supporting industries and in all industries induced by changes in income and consumption, are excluded. Also the out-of-State subcontracting, estimated to account for over 50% of total prime contract awards, may be assumed to be compensated by subcontracts received from out-of-State establishments, but no direct information in this respect was available.[1/]

The employment-to-output ratios were calculated using data from all available sources, such as Federal or State Agencies' published or unpublished data listed below in the Bibliography. However, by the time the main body of this study was completed, very few data on employment and output for 1970 were available. Therefore, two sets of employment-to-output ratios were calculated for all industries, one for United States and one for Maryland, for the years 1963-1969. These ratios varied widely among industries (Chart 2) and in most instances were different for Maryland and

1/ Evaluation of total direct, indirect and induced defense generated employment will be feasible only through application of the inter-industry tables component of the Maryland State Planning Model now being developed by the University of Maryland under contract with the Department of State Planning.

for the U.S. Since the U.S. data were generally more complete, the former set had to be used to supplement those for Maryland.

For most industries these ratios declined over time both because of technological progress (increasing productivity) and inflation. But in some instances, more often so for Maryland than for the U.S., the observed employment-to-output ratios increased as a result of a shift from the less labor intensive to the more labor intensive components of aggregate output. Using these observed overall trends along with comparisons of the two sets, the missing ratios for some industries and years in Maryland were interpolated. Similarly, the ratios for 1970 for most industries were estimated assuming that the observed trends will continue and adjusting 1969 ratios correspondingly.

For some non-manufacturing industries gross receipts or revenues data were used as output, and for wholesale and retail trade the ratios of total employment to total sales were derived in a similar manner as those for manufactures. Since the data on employment and receipts for research and development sub-sector were incomplete, the average ratios for all manufacturing industries were used. For the category "unknown" the average employment-to-output ratios for all other industries were applied to the amounts of contract awards in order to complete the sets of defense generated employment which corresponded to the totals of prime defense contract awards in Maryland for all years.

Because some of the basic data became available only after the earlier study was published (when only U.S. rather than Maryland ratios were used) most of the estimates of the defense generated employment for 1965-1969 in Appendix B are different from those earlier published.

The civilian employment of the U.S. Department of Defense in Maryland, regions and political subdivisions (Table 6) for 1965-1971 were obtained from Maryland Department of Employment and Social Services.[1/] However, these data were revised and include DOD installations located in Washington Suburban Region of Maryland previously (before 1968) reporting to Washington, D. C. Therefore, the figures in Table 6 are substantially different, especially for 1965-1967, from those published earlier.

1/ Compiled by the Research and Development Division. (Bibliography, 20.)

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